COMMITMENT & INTEGRITY DRIVE RESULTS

35 New England Business Ctr.
Suite 180
Andover, Massachusetts 01810
www.woodardcurran.com

T 866.702.6371
T 978.557.8150
F 978.557.7948

December 7, 2010

Ms. Kimberly Tisa
PCB Coordinator
U.S. Environmental Protection Agency Region 1
5 Post Office Square – Suite 100
Boston, Massachusetts 02109-3912

Re: PCB Remediation Final Completion Report
Stone-Davis Hall, Wellesley College
Wellesley, Massachusetts

Dear Ms. Tisa:

This Final Completion Report (Report) has been prepared by Woodard & Curran (W&C) on behalf of Wellesley College (Wellesley) pursuant to Condition 22 of the United States Environmental Protection Agency's (EPA) July 1, 2010 Risk-Based PCB Cleanup and Disposal Approval issued under 40 CFR 761.61(c) and 761.79(h) for Stone-Davis Hall (the Approval). This report details the activities implemented to remediate PCB bulk product waste (caulking) and PCB remediation waste (impacted building materials and certain adjacent roof surfaces) at Wellesley College's Stone-Davis Hall (the Site) located at 106 Central Street in Wellesley, Massachusetts.

This submittal includes characterization sampling results, a discussion of remedial objectives and cleanup levels, the remedial approach implemented for each PCB-affected media, verification sampling results, a certification of completion, and a copy of the deed notice to be filed with the Norfolk County Registry of Deeds.

Background

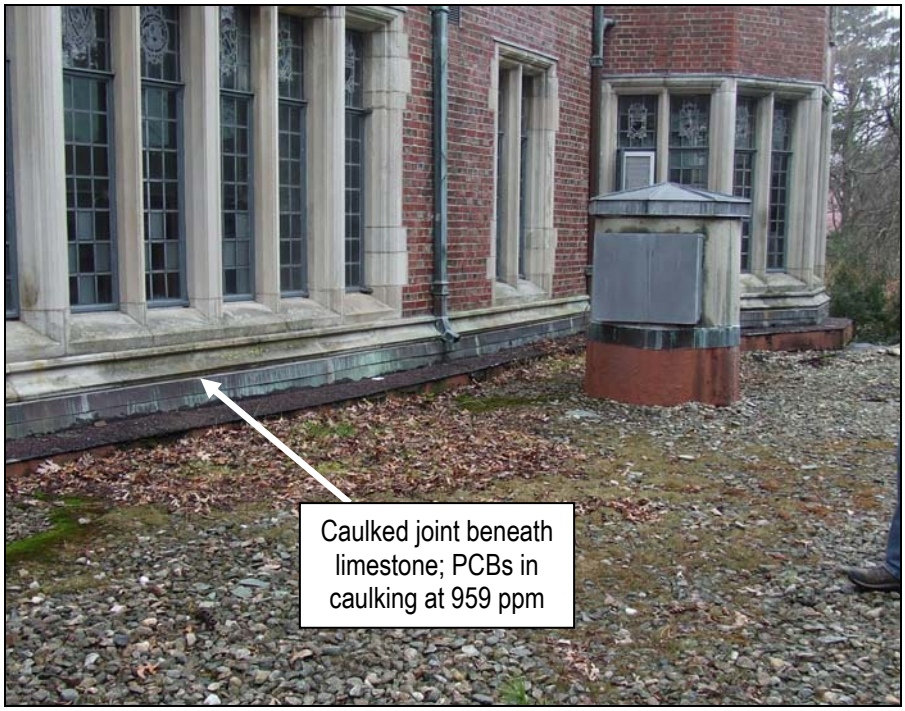
Stone-Davis Hall is a brick and stone masonry residence hall originally constructed in 1928. The renovation work completed during the summer of 2010 consisted of a building envelope rehabilitation program, including select masonry work (brick and stone patching, repointing, and replacements), reroofing (copper flashing and slate shingle removal and replacement), painting, and window dormer work. As a result of a pre-characterization inspection, one suspect caulking material from an 72-foot long horizontal caulking joint was analyzed and found to contain PCBs at 959 parts per million (ppm).

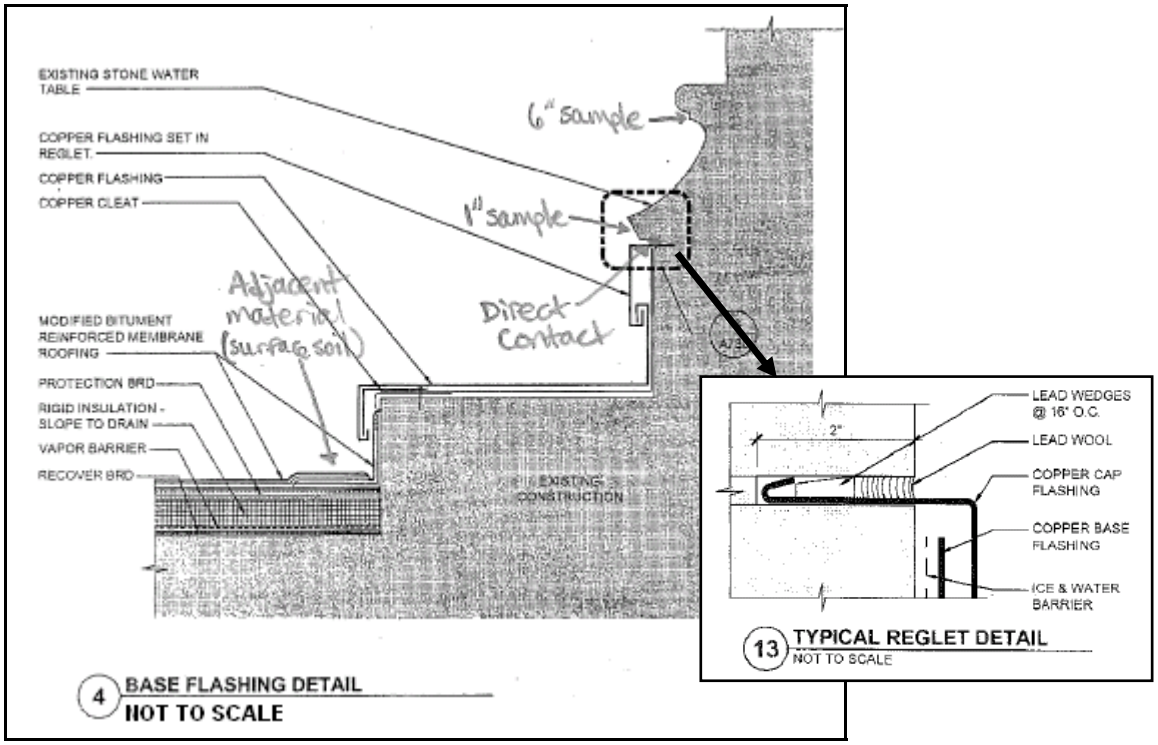
Site Characterization

As described in Woodard & Curran's June 16, 2010 Remediation Plan, samples were collected from building materials adjacent to the caulked joint containing PCBs at 959 ppm to determine the extent of potential PCB migration. Samples were collected on May 27, 2010 at three locations from the limestone in direct contact with caulking, from the limestone masonry trim above the caulked joint, and from sediment accumulated on the roof beneath the caulked joint.

The limestone in direct contact with the caulking (exposed within the joint after caulking removal) was reported with PCB concentrations ranging from non-detect to 129 ppm at three sample locations. The accessible limestone above the caulked joint was reported with PCBs ranging from non-detect to 1.75 ppm at a distance of one inch above the caulking, and was reported as non-detect at all three sample locations six inches above the caulking. The data indicated that the upper extent of PCB migration was limited to a point within six inches above the caulked joint. These results are summarized in Table 1.

A photo and a sketch of the sample area are provided below.





Characterization samples were also collected on May 27, 2010 from accumulated sediment / gravel above the asphalt on the main roof deck, and all three samples were reported with PCBs > 1 ppm (ranging from 3.66 to 16.8 ppm). Given these results, seven additional characterization samples were collected on June 25, 2010 following a Subpart N grid spacing (ten foot intervals) at a distance of five feet outward from the original sediment samples to verify the limits of PCB migration in this direction.

Three of the results were reported as non-detect, three of the results were reported with detectable concentrations of PCBs < 1 ppm, and the final sample (SDV-CBS-057) was reported with PCBs at 2.85 ppm. One follow-up characterization sample was collected at a distance of 10 feet from the building (5 feet beyond sample SDV-CBS-057), and this sample was reported was PCBs at 0.295 ppm. As shown on Figure 2, this final round of characterization samples completed the delineation of the materials impacted with PCBs > 1 ppm. The characterization results are summarized on Table 2.

Building material samples were collected using hand tools (knife, hammer and chisel) or power tools (electric rotary hammer drill) to a depth of 0.5 inches beneath the surface of the media. The samples collected from the accumulated sediment on the lower roof deck were collected using a hand trowel to the full depth of the media, which ranged between one and three inches, depending on the location. All samples were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs by USEPA Method 8082. The laboratory analytical reports are included as Appendix A.

Based on a review of the analytical results with regards to the PARCCS parameters (precision, accuracy, representativeness, completeness, comparability, and sensitivity), a data quality / data usability assessment indicated that the characterization data was of sufficient quality for use in developing the conceptual site model and remediation plan.

Remedy Implementation

The following sections provide details on site preparation and control activities, the remedial actions implemented for each media, verification sampling activities and results, and waste storage and disposal. In general, the remedial approach for each media included the removal and disposal of PCB bulk product waste, the removal and disposal of PCB remediation waste, and a risk-based approach for the in-place management of PCB remediation waste that could not be removed. The remediation contractor that completed the work was CCS Environmental (CCS) of Brockton, Massachusetts.

Site Preparation and Control Activities

Prior to beginning work, CCS established the limits of the work area with barrier tape. Access to the active work area was controlled by CCS, and all personnel operating within the active work area conducted the work wearing task-appropriate personal protective equipment (PPE) as described in the Contractor Workplan submitted to EPA on July 13, 2010. Polyethylene sheeting was placed on the ground within the work area to contain the debris removed during work. A remote two-chamber decontamination unit was constructed and placed inside of the work zone, and all personnel entered and exited the work area via the decontamination unit.

Air monitoring was conducted during active removal work at the perimeter of the work area to monitor for respirable dust. Dust levels and exposures to dust were minimized by implementing a combination of engineering controls (e.g., poly sheeting), wet work techniques, and personal protective equipment (e.g., respirators) as described above. No exceedances of the air monitoring action level were recorded during any remediation work. The results of the perimeter air monitoring are included as Appendix B.

Caulking and Copper Flashing Removal and Verification

Caulking and building material remediation work began on July 21, 2010. CCS removed the caulking within the joint using a mechanical caulking removal gun and by scraping with hand tools. No grinding or sawcutting (i.e., dust-generating techniques) were used directly on the caulking. After removing the caulking from the joint, the exposed surface of the limestone trim was scrubbed using a bleach and water solution to remove dirt and prepare the surface for applying the encapsulation coating. The fluids generated from this activity were minimal and were absorbed by the building material debris subject to disposal as PCB waste > 50 ppm.

Photo: Work area containment and preparation for caulking and flashing removal.

The copper flashing beneath the joint, as well as the roofing tar and gravel material adhered to the surface of the flashing, were removed for disposal together with the caulking. The flashing formerly covered a short vertical run beneath the joint, a horizontal "shelf" below it, and a final short vertical run below the shelf before terminating at the main asphalt roof deck.

The underlying substrate was inspected after copper flashing removal. The substrate consisted of a concrete form with a mastic-like material on the surface of the concrete beneath the former flashing. After a one-day work stoppage to collect a sample and confirm that the materials underlying the flashing were not asbestos-containing materials (ACM), the residual mastic was removed for disposal with the building material waste stream, which was managed as PCB waste > 50 ppm. Building material waste was placed directly into 6-mil polyethylene bags and then consolidated within seven 55-gallon DOT-approved steel drums for disposal.

Photo: Work area after caulking and flashing removal; sediment removal area markout as shown.

Woodard & Curran performed a visual inspection to verify that all residual caulking and associated building materials with a potential PCB migration pathway had been removed from the substrate. All materials had been removed, and concrete verification samples were collected from the shelf beneath the former flashing at 10-foot intervals on July 26, 2010. Samples were collected within 0-0.5 inches of the surface of the media using an electric rotary hammer drill. All samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs using USEPA Method 8082.

The results of the seven verification samples collected from the concrete form underlying the former flashing were all reported as non-detect for PCBs, as PCBs were not detected at concentrations above the laboratory's minimum reporting limits (< 0.33 ppm). These results indicated that the remediation of this area was complete. The analytical data is summarized on Table 3.

Roof Sediment Removal and Verification

The accumulated sediment / gravel material present on the main deck of the roof was removed from the area shown on Figure 2 on July 22, 2010. The removal was performed with shovels and other hand tools. The material was transferred directly into cubic yard boxes lined with 6-mil polyethylene bags. The material was wetted prior to handling to minimize the generation of dust as needed.

Woodard & Curran performed a visual inspection to verify that all accumulated sediment / gravel had been removed from the asphalt substrate of the main roof deck. After verifying that the materials had been removed, asphalt verification samples were collected in accordance with Subpart O requirements (5-ft^2 grid spacing) on July 26, 2010[1]. Samples were collected within 0-0.5 inches of the surface of the media using an electric rotary hammer drill. All samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs using USEPA Method 8082.

The results of the 15 asphalt verification samples were reported as non-detect for PCBs, as PCBs were not detected at concentrations above the laboratory's minimum reporting limits (< 0.36 ppm). In addition, one sample collected from soils beyond the edge of the asphalt roof deck at the eastern end of the former caulked joint were reported as non-detect for PCBs (< 0.40 ppm). These results indicated that remediation of this area was complete. The analytical data is summarized on Table 3.

Limestone Adjacent to Caulking

The limestone in direct contact with the former caulking and the limestone surface above the former caulking were coated with an encapsulating barrier to prevent direct contact with the impacted surfaces. After caulking removal and a visual inspection to determine that the caulking had been removed to the maximum extent practicable, the limestone within the joint was encapsulated with two coats of a protective epoxy coating (Sikagard 62). Following epoxy application and the recommended product cure time, baseline surface wipe samples were collected from the same three locations as the baseline bulk samples to evaluate the effectiveness of the encapsulation and establish a baseline for future monitoring.

The results of the baseline wipe samples collected from the epoxy-encapsulated surface were reported as non-detect for PCBs at two locations and with PCBs at 0.8 µg/100 cm^2 at the third location. Because

[1] After removing the sediment / gravel layer, the underlying substrate was determined to be an asphalt deck as opposed to a non-porous roof membrane as previously anticipated. While W&C had originally communicated in a letter to EPA on June 25, 2010 that verification samples would consist of surface wipes from the non-porous membrane, bulk asphalt samples were collected to verify sediment / gravel removal.

all results were reported with PCBs ≤1 µg/100 cm^2, the encapsulation task was complete and new caulking was applied.

The limestone not in direct contact with caulking (i.e., the exposed limestone trim above the caulked joint) was coated with a clear encapsulating barrier to prevent direct contact with the surface. A clear coating was needed given the architectural detail and aesthetic qualities of this building component. After a visual inspection to determine that the surface was clean, the limestone was encapsulated with two coats of a clear acrylic coating (Sikagard 670W). Following the application and the recommended product cure time, baseline surface wipe samples were collected from the same three locations as the baseline bulk samples to evaluate the effectiveness of the encapsulation and establish a baseline for future monitoring.

The results of the baseline wipe samples collected from the acrylic-coated surface were reported as non-detect for PCBs at all three sample locations. Because all results were reported with PCBs ≤1 µg/100 cm^2, the coating task was complete.

Photo: Work area after removal of all impacted materials and the encapsulation of the limestone, prior to installing new caulking and flashing.

Storage and Disposal

All building material wastes generated from the activities described in this report were managed as PCB wastes > 50 ppm. The wastes were placed directly into 6-mil polyethylene bags and then consolidated within seven 55-gallon DOT-approved steel drums. These containers were marked in accordance with 40 CFR 761.40 and managed in accordance with 40 CFR 761.65. The containers were shipped off-site for disposal to the EQ Wayne Disposal facility located in Belleville, Michigan on August 9, 2010.

The sediment waste stream (PCB remediation waste < 50 ppm) was shipped off-site for disposal to the EQ Detroit, Inc. disposal facility located in Detroit, Michigan on August 9, 2010. All polyethylene sheeting, PPE, and other non-liquid materials generated during the work were placed in the same container with the PCB remediation waste for disposal as < 50 ppm PCB waste.

Copies of the manifests and certificates of disposal are included in Appendix C of this report.

Monitoring and Maintenance Implementation Plan

Limestone in direct contact with and adjacent to the upper portion of the former caulked joint is being managed in-place in accordance with the Approval and 40 CFR 761.61(c). A Monitoring and Maintenance Implementation Plan (MMIP) has been developed to monitor the effectiveness of the remedy for the limestone remaining in place beneath the barrier. The main components of the MMIP are as follows:

- Annual visual inspections of the encapsulated surface – to be recorded and included in the Annual Report to the EPA. The inspections will look for signs of breakthrough in the underlying coating and/or signs of weathering or disturbance of the replacement caulking.
- Annual Wipe Sampling of the encapsulated surface and caulking – to be collected using the standard wipe test procedures described in 40 CFR 761.123 and/or an alternate approved method; results to be included in the Annual Report to the EPA.
- Annual Reporting – a report documenting the findings of the visual inspections and wipe testing will be prepared and submitted to EPA.
- Corrective Actions – if results of the annual sampling indicate that PCB concentrations in excess of the established action levels are present on the surface of the encapsulated areas, corrective measures shall be taken.

The MMIP was submitted to EPA on October 6, 2010, and written comments were received on October 18, 2010. A revised MMIP was submitted to EPA on November 2, 2010. EPA approved the revised MMIP via email on November 10, 2010.

Deed Notice

Pursuant to EPA's July 1, 2010 Approval, a copy of the deed notice prepared for the encapsulated surfaces is provided in Appendix D. The notice is in the process of being recorded with the Norfolk County Registry of Deeds. Once the process is complete, a copy of the recorded deed notice will be provided to EPA under separate cover.

Certification

Pursuant to EPA's July 1, 2010 Approval, a signed certification verifying that the authorized activities were implemented in accordance with the Approval is provided in Appendix E.

If you have any questions or require further information, please feel free to contact me at (978) 557-8150 or at jhamel@woodardcurran.com.

Sincerely,
WOODARD & CURRAN INC.

Jeffrey A. Hamel, LSP, LEP
Senior Vice President

cc: Suzanne Howard, Wellesley College

Enclosures:
Table 1 – Caulking and Adjacent Building Materials Analytical Data Summary
Table 2 – Roof Deck Sediment Analytical Data Summary
Table 3 – Roof Deck Verification Analytical Data Summary
Table 4 – Baseline Surface Wipe Analytical Data Summary
Figure 1 – Site Locus Map
Figure 2 – Characterization Sample Locations
Figure 3 – Verification Sample Locations
Appendix A – Laboratory Analytical Data
Appendix B – Air Monitoring Data
Appendix C – Waste Shipment Records
Appendix D – Deed Notice
Appendix E – Certification of Completion

Table 1

Caulking and Adjacent Building Materials Analytical Data Summary
Stone-Davis Hall - Wellesley College - Wellesley, Massachusetts

Sample Date	Sample Location	Media	Sample ID	Detection Limit	Total PCBs
4/13/2010	Original Caulking Sample	Caulking at the metal flashing beneath stone on the Stone/Davis wall next to the cafeteria roof	SDV-CBK-020	31.7	**959**
5/27/2010	25 feet from west end of joint	Limestone in direct contact with caulking	SDV-CBL-040	0.660	**13.5**
5/27/2010		Limestone 1.0" above caulking joint	SDV-CBL-050	0.200	**1.75**
5/27/2010		Limestone 6.0" above caulking joint	SDV-CBL-041	0.089	ND
5/27/2010	30 feet from east end of joint	Limestone in direct contact with caulking	SDV-CBL-043	6.67	**129**
5/27/2010		Limestone 1.0" above caulking joint	SDV-CBL-051	0.076	**1.67**
5/27/2010		Limestone 6.0" above caulking joint	SDV-CBL-044	0.043	ND
5/27/2010	10 feet from east end of joint	Limestone in direct contact with caulking	SDV-CBL-046	0.033	ND
5/27/2010		Limestone 1.0" above caulking joint	SDV-CBL-049	0.036	ND
5/27/2010		Limestone 6.0" above caulking joint	SDV-CBL-047	0.059	ND

Notes:
1. All samples were extracted by USEPA Method 3540C and analyzed by USEPA Method 8082.
2. All sample results are presented in milligrams per kilogram (mg/kg).
3. "ND" indicates PCBs were not detected above the laboratory's minimum reporting limit, as indicated.
4. Samples were collected from bulk media prior to completing remediation work in July 2010.

Table 2

Roof Deck Sediment Analytical Data Summary
Stone-Davis Hall - Wellesley College - Wellesley, Massachusetts

Sample Date	Sample Location	Media	Sample ID	Detection Limit	Total PCBs
5/27/2010	25 feet from west end of joint	Sediment accumulated on main deck; directly below shelf under caulked joint	SDV-CBS-042	0.330	**4.90**
5/27/2010	30 feet from east end of joint		SDV-CBS-045	0.830	**16.8**
5/27/2010	10 feet from east end of joint		SDV-CBS-048	0.230	**3.66**
6/25/2010	5 feet from east end of joint	Sediment accumulated on main deck; 5' away from shelf under caulked joint	SDV-CBS-053	0.230	ND
6/25/2010	15 feet from east end of joint		SDV-CBS-054	0.200	0.385
6/25/2010	25 feet from east end of joint		SDV-CBS-055	0.200	0.845
6/25/2010	35 feet from east end of joint		SDV-CBS-056	0.200	0.518
6/25/2010	45 feet from east end of joint		SDV-CBS-057	0.200	**2.85**
6/25/2010	55 feet from east end of joint		SDV-CBS-058	0.230	ND
6/25/2010	65 feet from east end of joint		SDV-CBS-059	0.170	ND
7/19/2010	45 feet from east end of joint	Sediment accumulated on main deck; 10' away from shelf under caulked joint	SDV-CBS-062	0.040	0.295

Notes:
1. All samples were extracted by USEPA Method 3540C and analyzed by USEPA Method 8082.
2. All concentrations are presented in milligrams per kilogram (mg/kg).
3. "ND" indicates PCBs were not detected above the laboratory's minimum reporting limit, as indicated.
4. Samples were collected from bulk media prior to completing remediation work in July 2010.
5. All results were reported as Aroclor 1254; no other aroclors were detected.

Table 3

Roof Deck Verification Analytical Data Summary
Stone-Davis Hall - Wellesley College - Wellesley, Massachusetts

Sample Date	Sample Location	Media	Sample ID	Detection Limit	Total PCBs
7/26/2010	4' from east end of joint; 2.5' from toe of shelf	Asphalt beneath former roof sediment layer	SDV-VBA-064	0.360	ND
7/26/2010	9' from east end of joint; 2.5' from toe of shelf		SDV-VBA-065	0.360	ND
7/26/2010	14' from east end of joint; 2.5' from toe of shelf		SDV-VBA-066	0.330	ND
7/26/2010	19' from east end of joint; 2.5' from toe of shelf		SDV-VBA-067	0.330	ND
7/26/2010	24' from east end of joint; 2.5' from toe of shelf		SDV-VBA-068	0.330	ND
7/26/2010	29' from east end of joint; 2.5' from toe of shelf		SDV-VBA-069	0.360	ND
7/21/2010	34' from east end of joint; 2.5' from toe of shelf		SDV-VBA-063	0.330	ND
7/26/2010	39' from east end of joint; 2.5' from toe of shelf		SDV-VBA-070	0.360	ND
7/26/2010	44' from east end of joint; 2.5' from toe of shelf		SDV-VBA-071	0.330	ND
7/26/2010	44' from east end of joint; 7.5' from toe of shelf		SDV-VBA-072	0.330	ND
7/26/2010	49' from east end of joint; 2.5' from toe of shelf		SDV-VBA-073	0.360	ND
7/26/2010	54' from east end of joint; 2.5' from toe of shelf		SDV-VBA-074	0.330	ND
7/26/2010	59' from east end of joint; 2.5' from toe of shelf		SDV-VBA-075	0.330	ND
7/26/2010	64' from east end of joint; 2.5' from toe of shelf		SDV-VBA-076	0.330	ND
7/26/2010	69' from east end of joint; 2.5' from toe of shelf		SDV-VBA-077	0.360	ND
7/26/2010	74' from east end of joint; 2.5' from toe of shelf	Soil beyond end of main roof deck	SDV-VBS-079	0.400	ND
7/26/2010	10' from east end of joint; center of 14-inch wide shelf	Concrete form beneath former metal flashing (shelf beneath caulked joint)	SDV-VBC-080	0.330	ND
7/26/2010	20' from east end of joint; center of 14-inch wide shelf		SDV-VBC-081	0.330	ND
7/26/2010	30' from east end of joint; center of 14-inch wide shelf		SDV-VBC-082	0.330	ND
7/26/2010	40' from east end of joint; center of 14-inch wide shelf		SDV-VBC-083	0.330	ND
7/26/2010	50' from east end of joint; center of 14-inch wide shelf		SDV-VBC-084	0.330	ND
7/26/2010	60' from east end of joint; center of 14-inch wide shelf		SDV-VBC-085	0.033	ND
7/26/2010	70' from east end of joint; center of 14-inch wide shelf		SDV-VBC-086	0.033	ND

Notes:

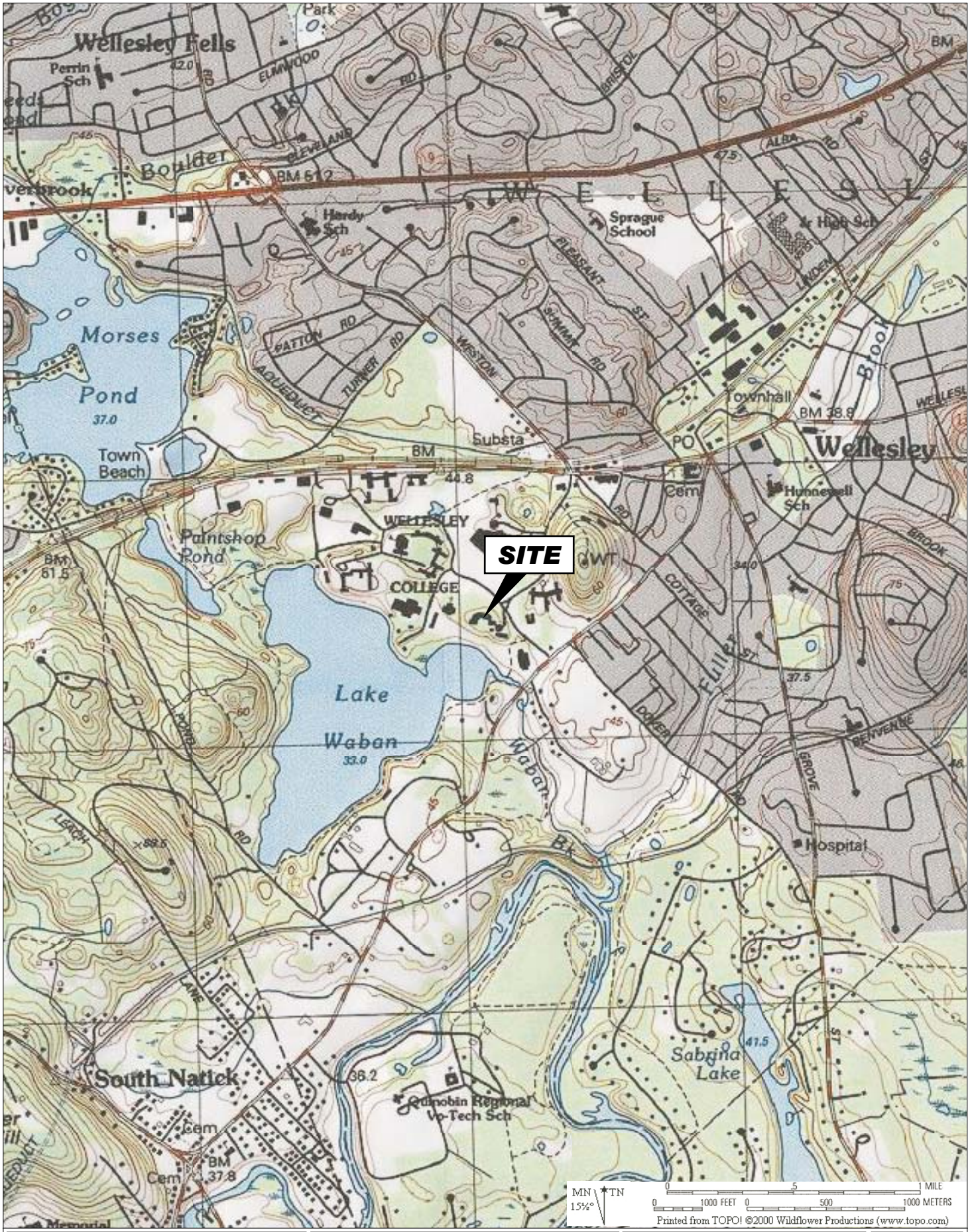
1. All samples were extracted by USEPA Method 3540C and analyzed by USEPA Method 8082.
2. All concentrations are presented in milligrams per kilogram (mg/kg).
3. "ND" indicates PCBs were not detected above the laboratory's minimum reporting limit, as indicated.

Table 4

Baseline Surface Wipe Analytical Data Summary
Stone-Davis Hall - Wellesley College - Wellesley, Massachusetts

Sample Date	Sample Location	Media	Sample ID	Detection Limit	Total PCBs
7/27/2010	25 feet from right end of joint	Limestone in former direct contact with caulking and covered with epoxy coating	SDV-VWC-088	0.5	ND
7/27/2010		Limestone above caulking joint and covered with clear acrylic coating	SDV-VWC-087	0.5	ND
7/27/2010	30 feet from left end of joint	Limestone in former direct contact with caulking and covered with epoxy coating	SDV-VWC-090	0.5	0.8
7/27/2010		Limestone above caulking joint and covered with clear acrylic coating	SDV-VWC-089	0.5	ND
7/27/2010	10 feet from left end of joint	Limestone in former direct contact with caulking and covered with epoxy coating	SDV-VWC-092	0.5	ND
7/27/2010		Limestone above caulking joint and covered with clear acrylic coating	SDV-VWC-091	0.5	ND

Notes:
1. All samples were extracted by USEPA Method 3540C and analyzed by USEPA Method 8082.
2. All sample results are presented in micrograms per 100 square centimeters (ug/100cm^2).
3. "ND" indicates PCBs were not detected above the laboratory's minimum reporting limit, as indicated.
4. The epoxy coating was Sikagard 62; the clear acrylic coating used was Sikagard 670W.



WOODARD & CURRAN
35 New England Business Center
Andover, MA 01810
COMMITMENT & INTEGRITY DRIVE RESULTS

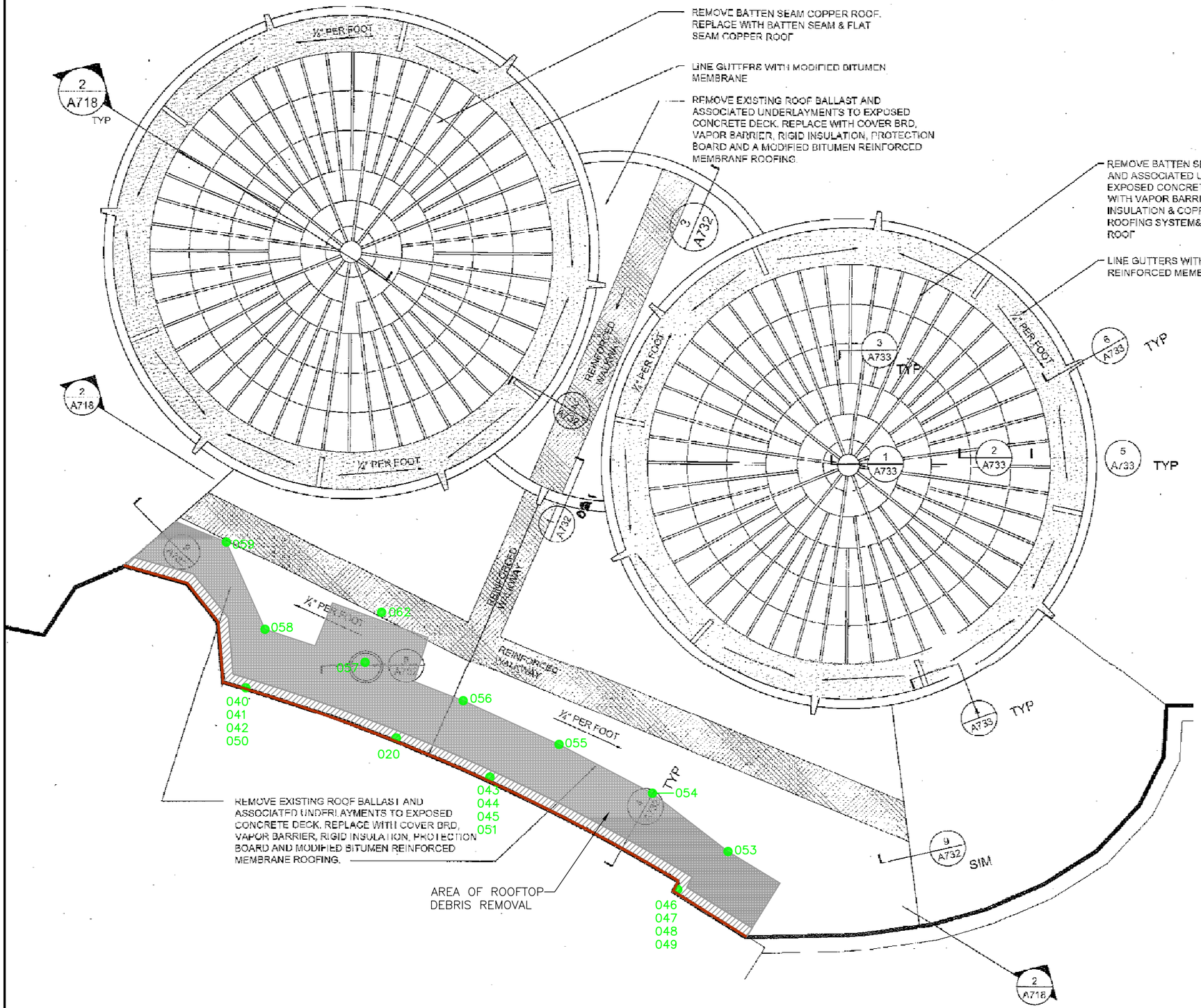
WELLESLEY COLLEGE
WELLESLEY, MASSACHUSETTS

SCALE: AS NOTED | JOB NO.: 223358
DATE: NOVEMBER 2010 | FILE: Figure 1.cnv

SITE LOCUS

DES.BY: EVR
DR.BY: EVR
CK.BY: ALW

1



LEGEND

- EXTENT OF FORMER CAULKED JOINT
- 046 ● CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER
- SEDIMENT REMOVAL AREA
- FLASHING REMOVAL AREA

NOTE:

FIGURE ADAPTED FROM PAGE SDV A703 CAFETERIA ROOF PLAN FROM THE WELLESLEY COLLEGE MARCH 19, 2010 CONSTRUCTION DOCUMENTS BY MENDERS, TORREY, & SPENCER, INC.

0 10 20

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

CAFETERIA ROOF PLAN AND CHARACTERIZATION SAMPLE LOCATIONS

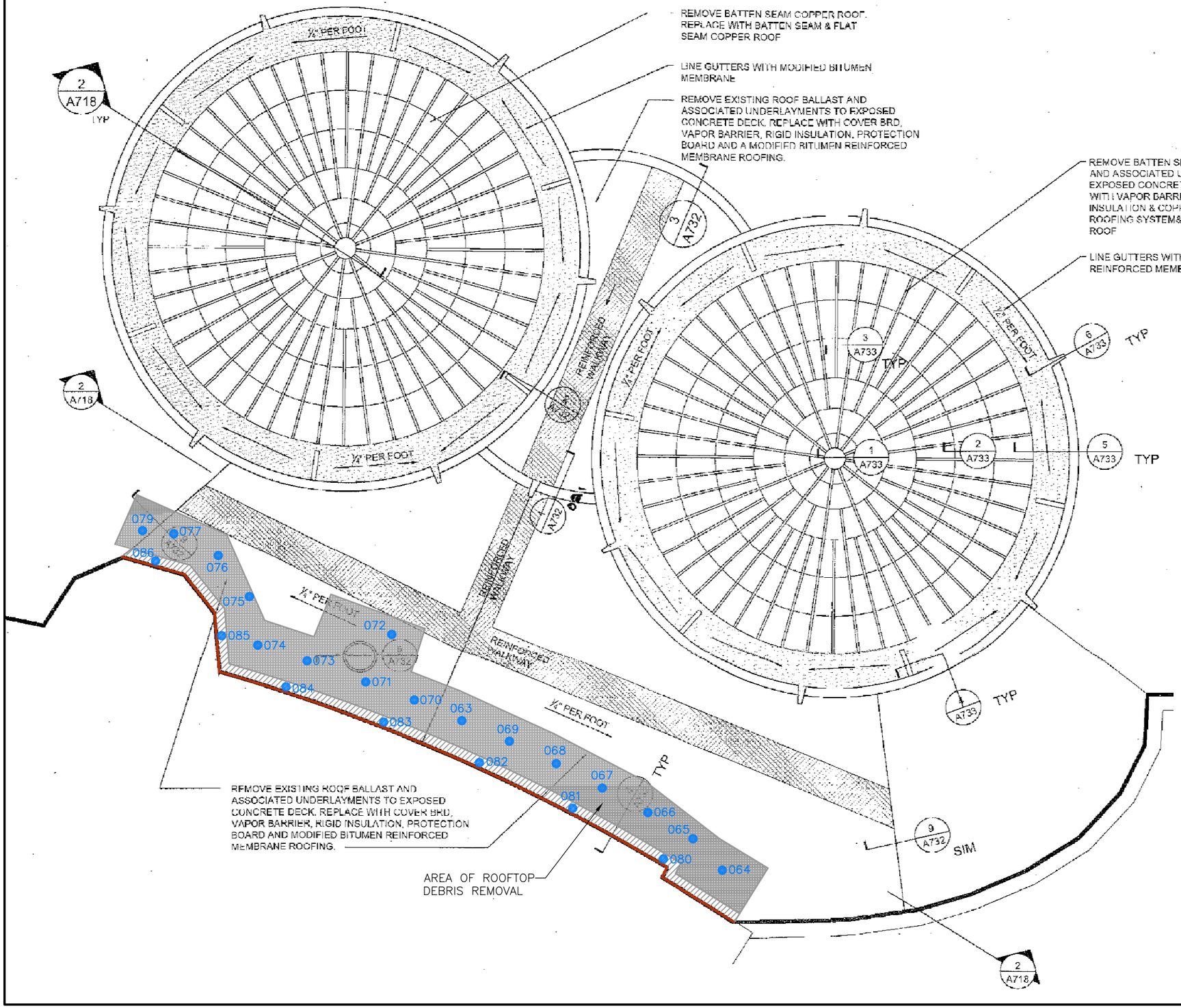
DESIGNED BY: ALW
DRAWN BY: EVR
CHECKED BY:
Figure 2.dwg

WELLESLEY COLLEGE
WELLESLEY, MASSACHUSETTS

PCB COMPLETION REPORT

JOB NO: 223358
DATE: NOVEMBER 2010
SCALE: AS NOTED

FIGURE 2



LEGEND

- EXTENT OF FORMER CAULKED JOINT
- 064 ● VERIFICATION SAMPLE LOCATION AND IDENTIFIER
- SEDIMENT REMOVAL AREA
- FLASHING REMOVAL AREA

NOTE:

FIGURE ADAPTED FROM PAGE SDV A703 CAFETERIA ROOF PLAN FROM THE WELLESLEY COLLEGE MARCH 19, 2010 CONSTRUCTION DOCUMENTS BY MENDERS, TORREY, & SPENCER, INC.

0 10 20

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

CAFETERIA ROOF PLAN AND VERIFICATION SAMPLE LOCATIONS

DESIGNED BY: ALW
DRAWN BY: EVR
CHECKED BY:
Figure 3.dwg

WELLESLEY COLLEGE
WELLESLEY, MASSACHUSETTS

PCB COMPLETION REPORT

JOB NO: 223358
DATE: NOVEMBER 2010
SCALE: AS NOTED

FIGURE 3

APPENDIX A – LABORATORY ANALYTICAL REPORTS

environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

April 22, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66302
Wellesley College #223358

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No date and time collected were recorded on the sample container label however they were all listed on the chain of custody (COC). Two sample containers had blank sample labels and only "021" and "022" listed on the container caps. The client was contacted and instructed the laboratory that "021" was sample SDV-CBK-021 and "022" was SDV-CBK-022 on the COC.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66302-4, 66302-5, 66302-7, 66302-8, 66302-12, 66302-13,66302-15, 66302-16, 66302-17, 66302-19, 66302-20, 66302-22, 66302-23 and 66302-26 required dilution for either matrix affect or concentrations of PCBs detected in the sample.

Sample 66302-3 had low recovery for surrogate Decachlorobiphenyl (DCB) on column #2. Column #1 was in control for both surrogates. Results were reported without qualification.

The laboratory control sample duplicate (LD041510PSOX) had high recoveries for PCB 1016 on both columns. In addition the RPD for 1016 was above acceptance criteria. The laboratory control sample (L041510PSOX) and MS/MSD on sample 66302-29 were in control for all analytes. Results were reported without qualification.

The closing continuing calibration standard (file# M24224SC) had low recovery for DCB (84%) on column#2. Column #1 was in control. Results were reported without qualification.

The closing continuing calibration standard (file# M24310SC) had low recovery for DCB (84%) and high recovery for Tetrachloro-m-xylene (TCX) 118% on column#2. Column #1 was in control. Results were reported without qualification.

The closing continuing calibration standard (file# M24412SC) had low recovery for DCB (83%) on column#2. Column #1 was in control. Results were reported without qualification.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66302

Revision: Rev. 0

Re: Wellesley College **223358**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 April 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
66302-1	04/13/10	JAC-CBK-001	EPA 8082 (PCBs only)	
66302-2	04/13/10	JAC-CBK-002	EPA 8082 (PCBs only)	
66302-3	04/13/10	JAC-CBK-003	EPA 8082 (PCBs only)	
66302-4	04/13/10	JAC-CBK-004	EPA 8082 (PCBs only)	
66302-5	04/13/10	JAC-CBK-005	EPA 8082 (PCBs only)	
66302-6	04/13/10	GRH-CBK-007	EPA 8082 (PCBs only)	
66302-7	04/13/10	GRH-CBK-008	EPA 8082 (PCBs only)	
66302-8	04/13/10	GRH-CBK-009	EPA 8082 (PCBs only)	
66302-9	04/13/10	PNH-CBK-010	EPA 8082 (PCBs only)	
66302-10	04/13/10	PNH-CBK-011	EPA 8082 (PCBs only)	
66302-11	04/13/10	PNH-CBK-012	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 4/22/2010

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66302

Revision: Rev. 0

Re: Wellesley College **223358**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 April 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
66302-12	04/13/10	PNH-CBK-013	EPA 8082 (PCBs only)	
66302-13	04/13/10	PNH-CBK-014	EPA 8082 (PCBs only)	
66302-14	04/13/10	CLP-CBK-015	EPA 8082 (PCBs only)	
66302-15	04/13/10	CLP-CBK-016	EPA 8082 (PCBs only)	
66302-16	04/13/10	CLP-CBK-017	EPA 8082 (PCBs only)	
66302-17	04/13/10	CLP-CBK-018	EPA 8082 (PCBs only)	
66302-18	04/13/10	SDV-CBK-019	EPA 8082 (PCBs only)	
66302-19	04/13/10	SDV-CBK-020	EPA 8082 (PCBs only)	
66302-20	04/13/10	SDV-CBK-021	EPA 8082 (PCBs only)	
66302-21	04/13/10	SDV-CBK-022	EPA 8082 (PCBs only)	
66302-22	04/13/10	SCI-CBK-023	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 4/22/2010

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66302

Revision: Rev. 0

Re: Wellesley College **223358**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 April 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
66302-23	04/13/10	SCI-CBK-025	EPA 8082 (PCBs only)	
66302-24	04/14/10	KEO-CBK-027	EPA 8082 (PCBs only)	
66302-25	04/14/10	PNH-CBK-029	EPA 8082 (PCBs only)	
66302-26	04/14/10	GRH-CBK-030	EPA 8082 (PCBs only)	
66302-27	04/14/10	KEO-CBK-031	EPA 8082 (PCBs only)	
66302-28	04/14/10	KEO-CBK-032	EPA 8082 (PCBs only)	
66302-29	04/14/10	KEO-CBK-033	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 4/22/2010

analytics environmental laboratory LLC

Surrogate Compound Limits

	Matrix: Aqueous	Solid	
	Units: % Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140.	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041410PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/14/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	108	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

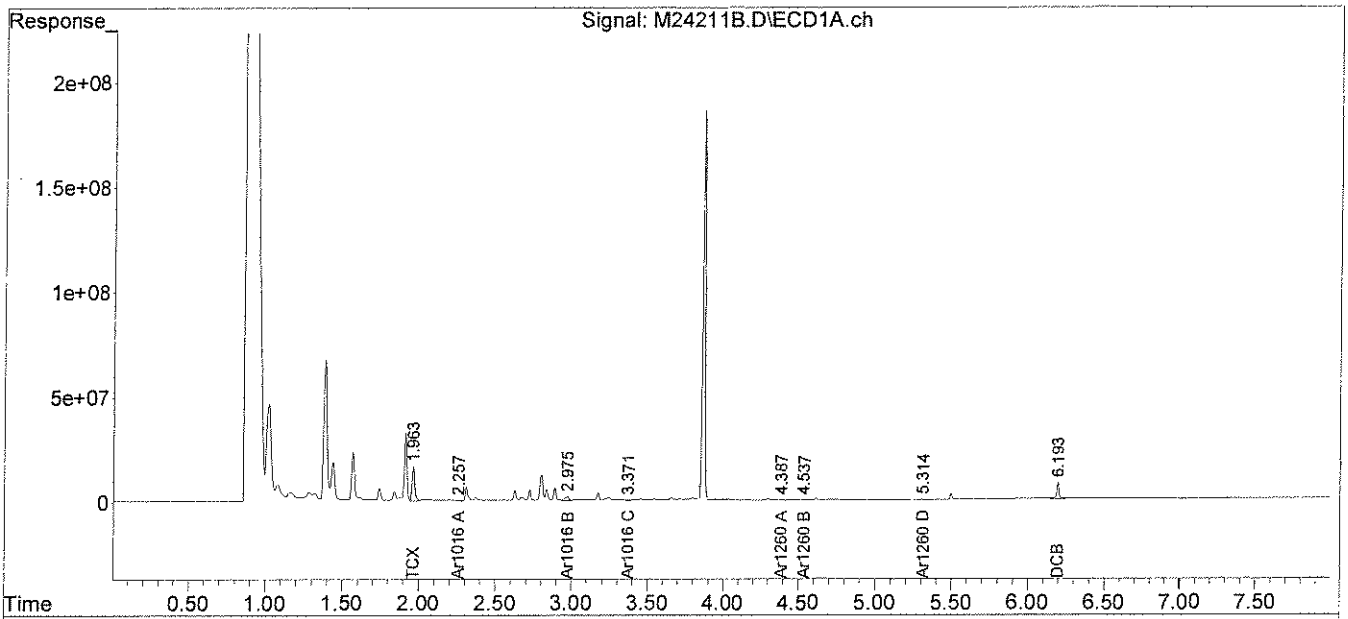
Authorized signature

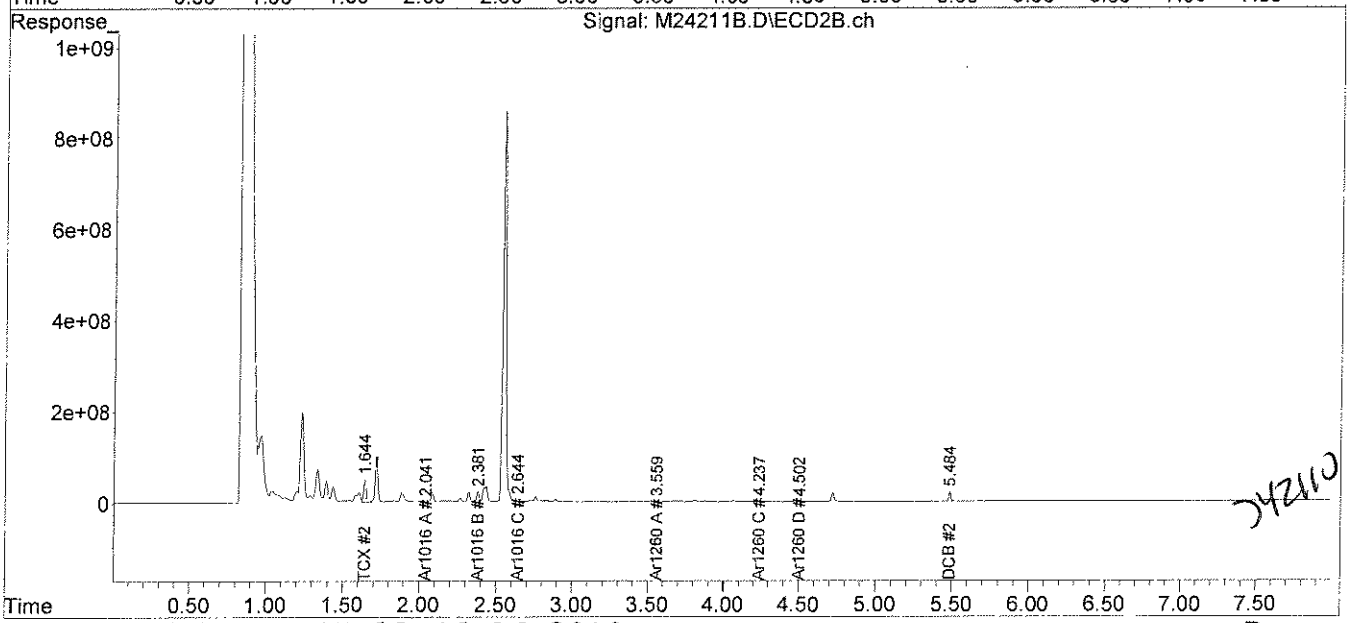
Data Path : C:\msdchem\1\DATA\041610-M\
Data File : M24211B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 2:05 am
Operator : JK
Sample : B041410PSOX2,,A/C
Misc : SOIL
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 12:46:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

04.19.10





04.19.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

Lab Sample ID: B041410PSOX2 RR3
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/14/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	108	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

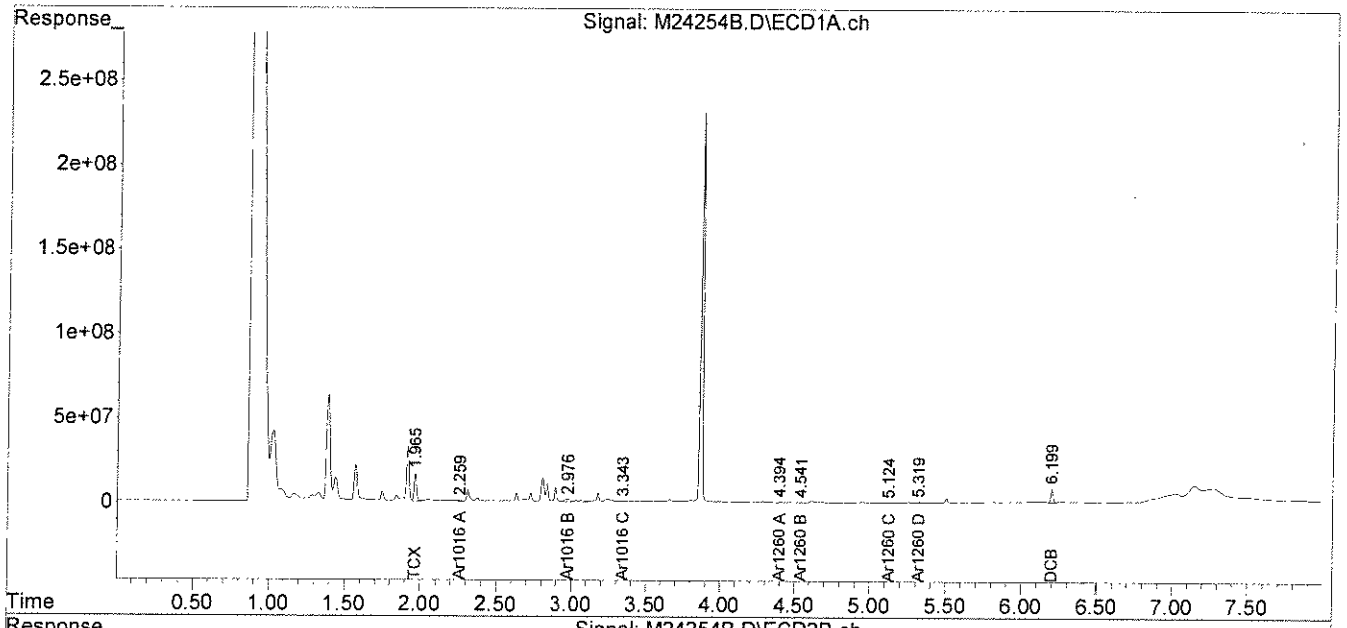
Authorized signature

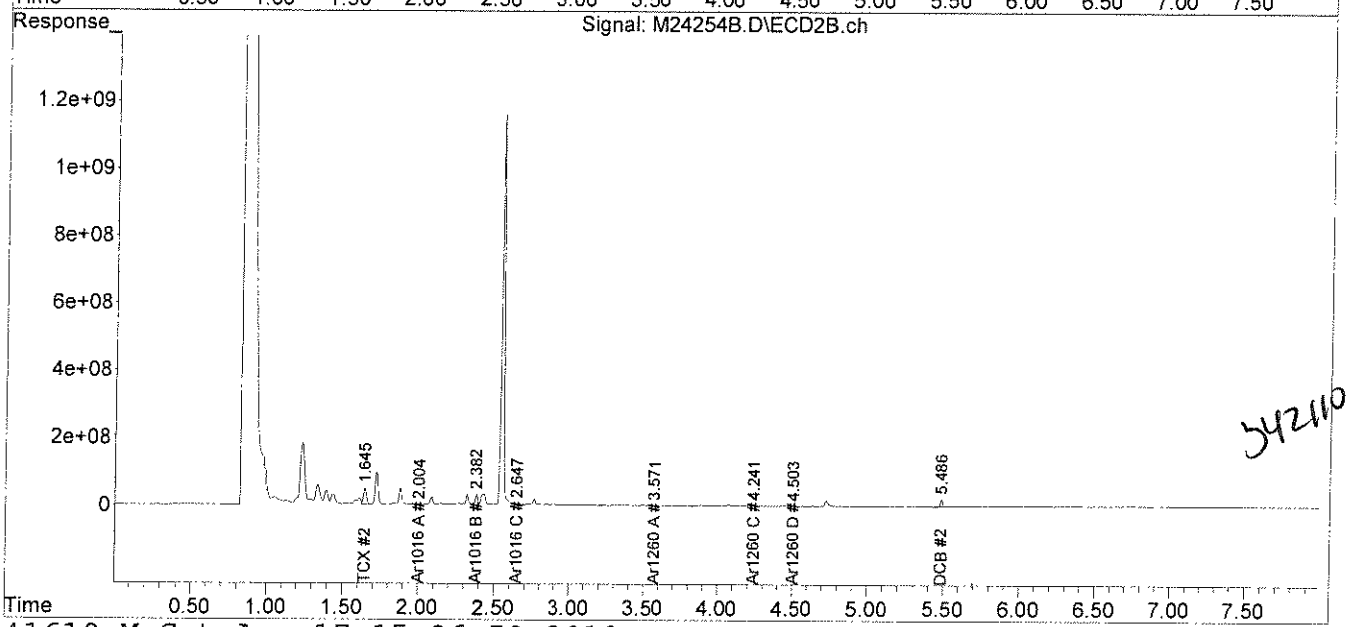
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24254B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 2:16 pm
Operator : JK
Sample : B041410PSOX2,RR3
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:26:50 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:56 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

JL 04.19.10





342110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041410PSOX2 RR 4
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/14/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

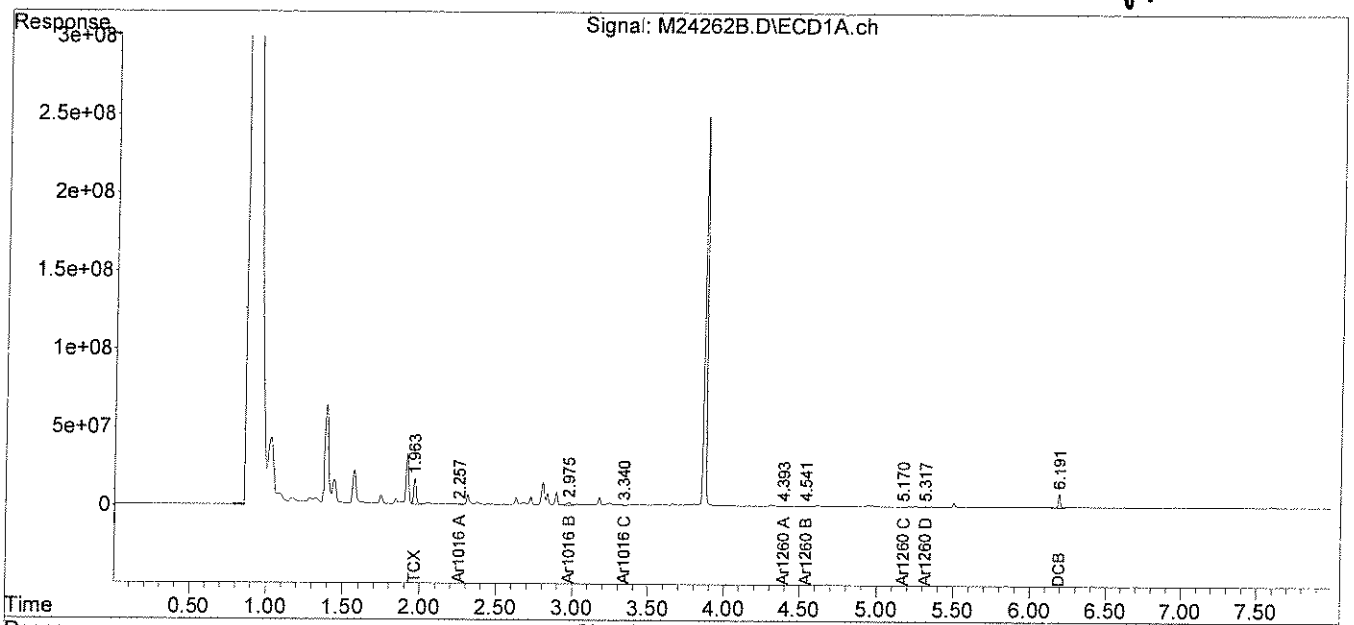
Authorized signature

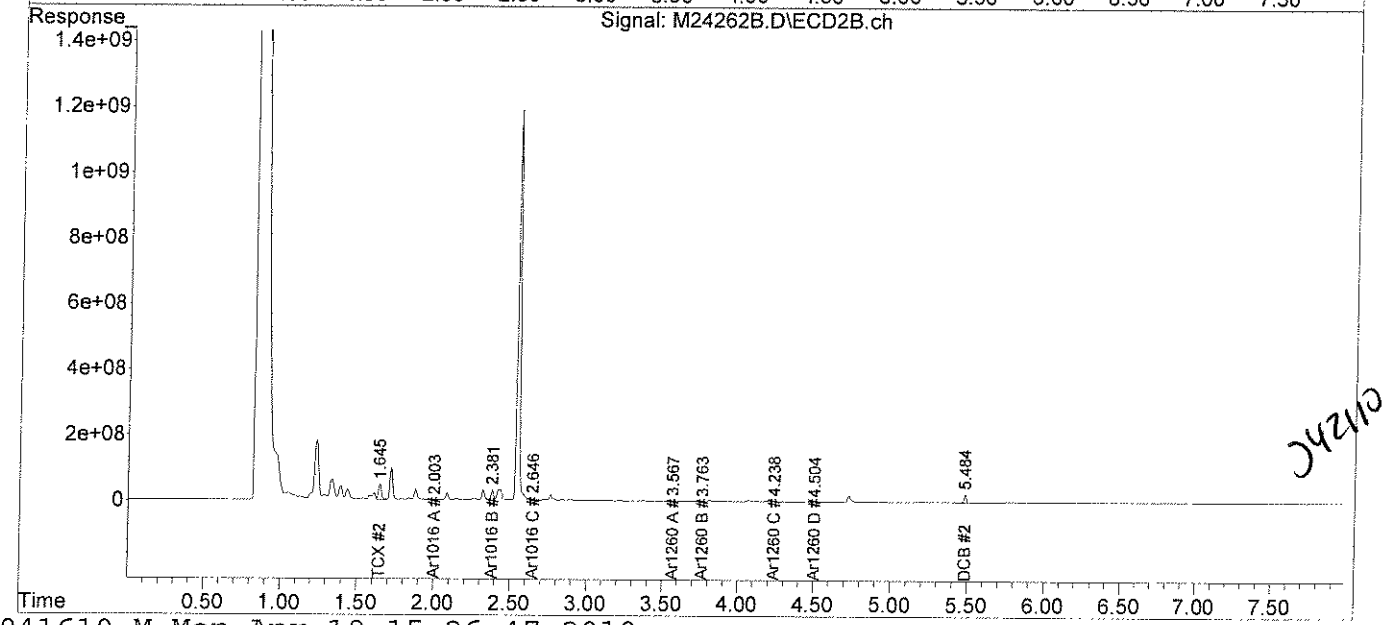
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24262B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 3:37 pm
Operator : JK
Sample : B041410PSOX2,RR4,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 19 15:26:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

JL 04.19.10





JL 04.19.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041510PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/15/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	68	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

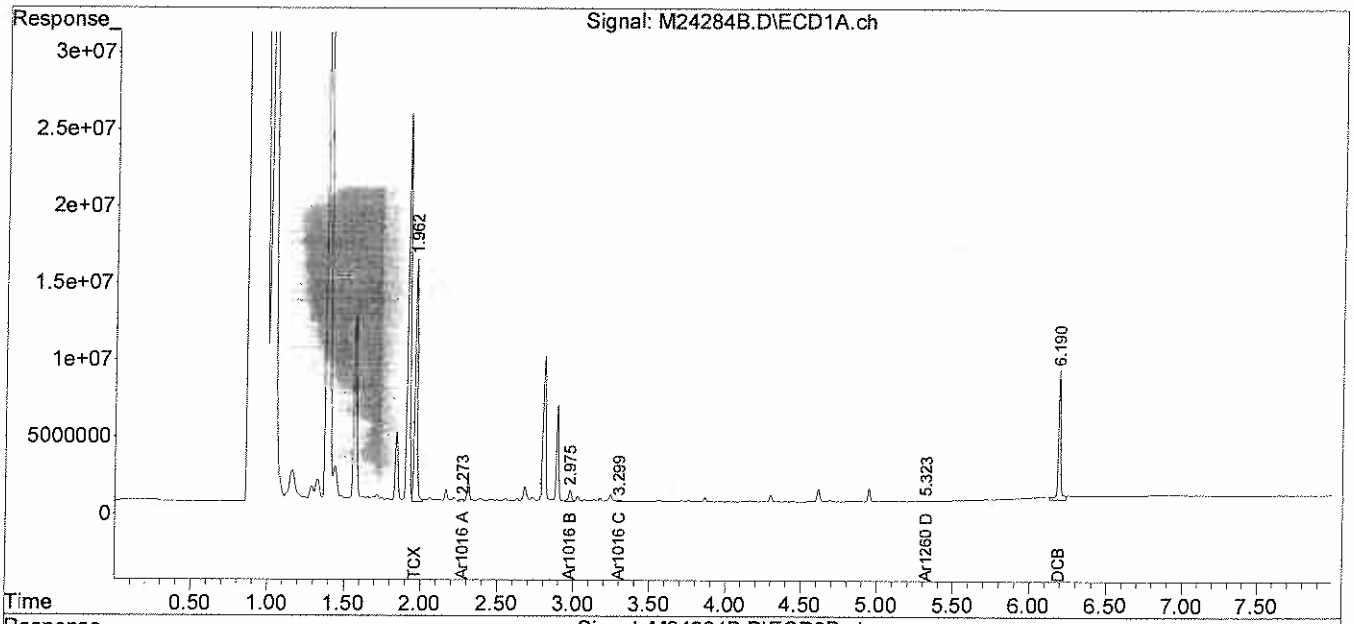
Authorized signature

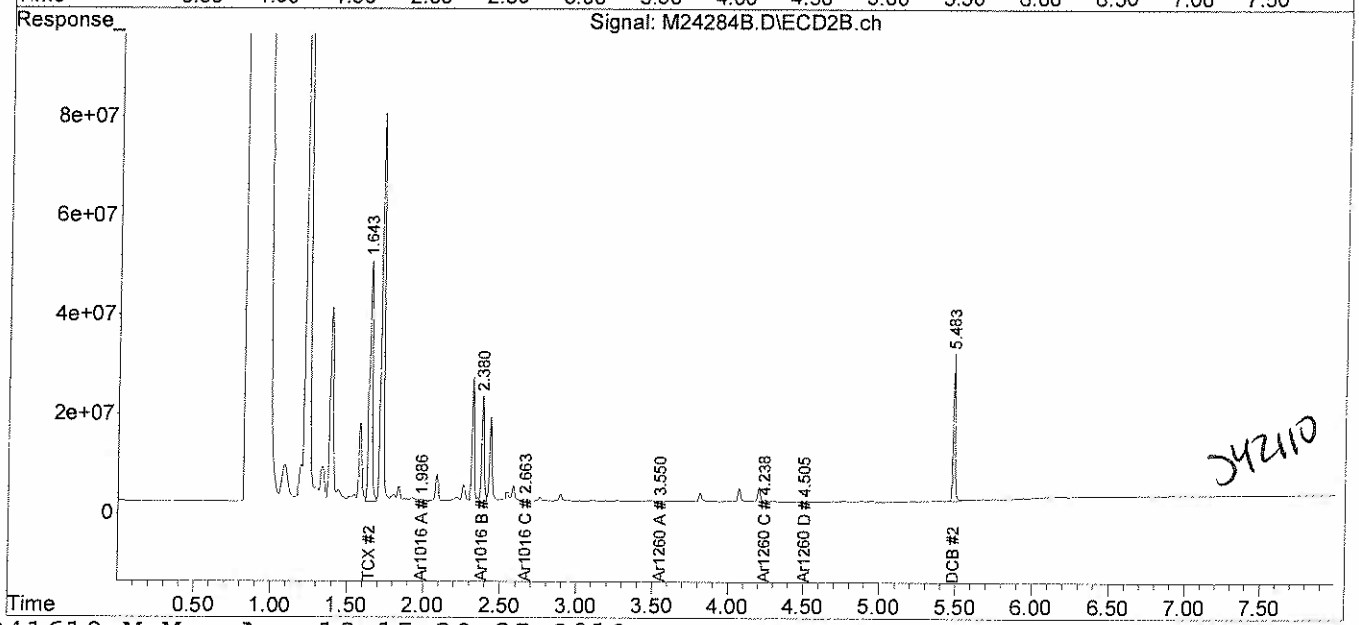
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24284B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 7:18 pm
Operator : JK
Sample : B041510PSOX,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 19 15:30:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JK 04.20.10





JK 2410

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041510PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/15/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	89	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

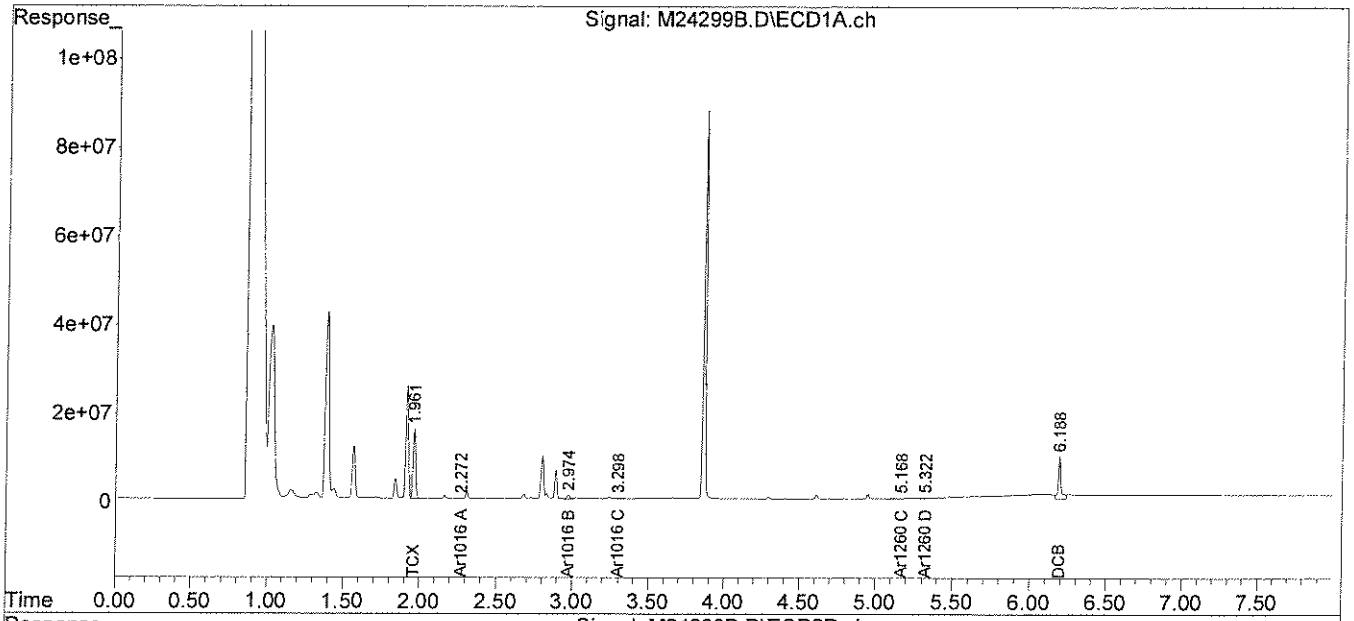
Authorized signature

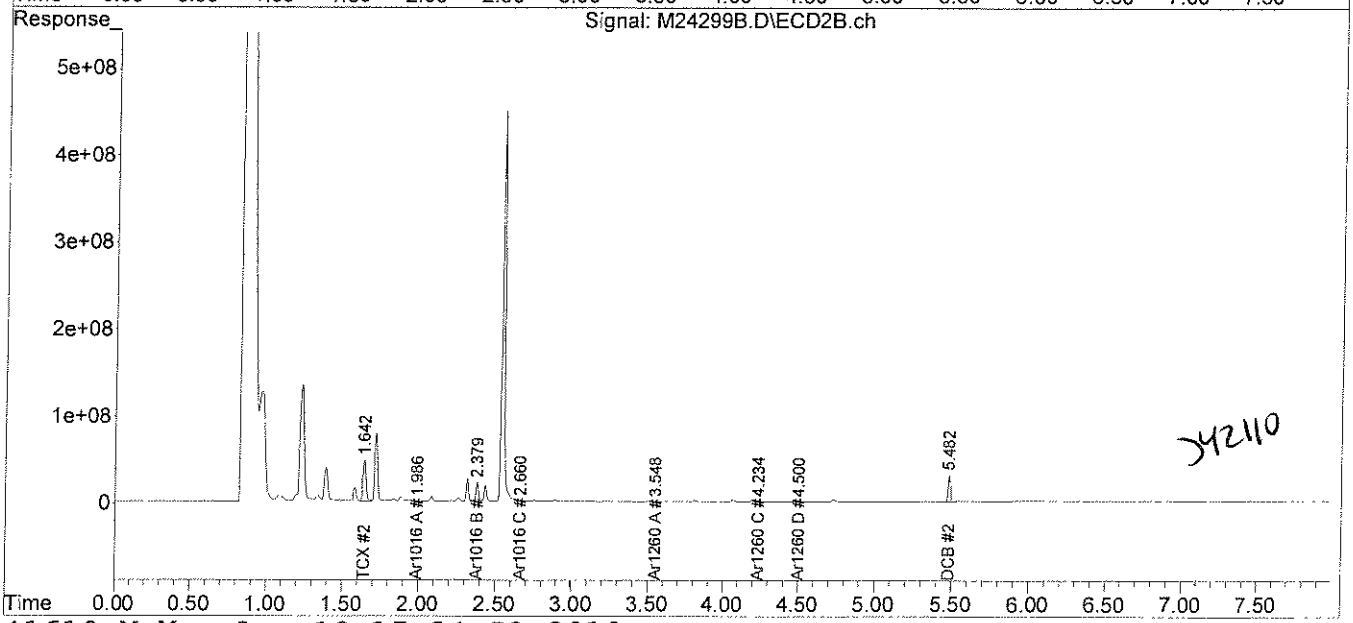
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24299B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 9:49 pm
Operator : JK
Sample : B041510PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 19 15:34:52 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 04.20.10





JY2110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 21, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041510PSOX RR2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/15/10
Analysis Date: 04/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

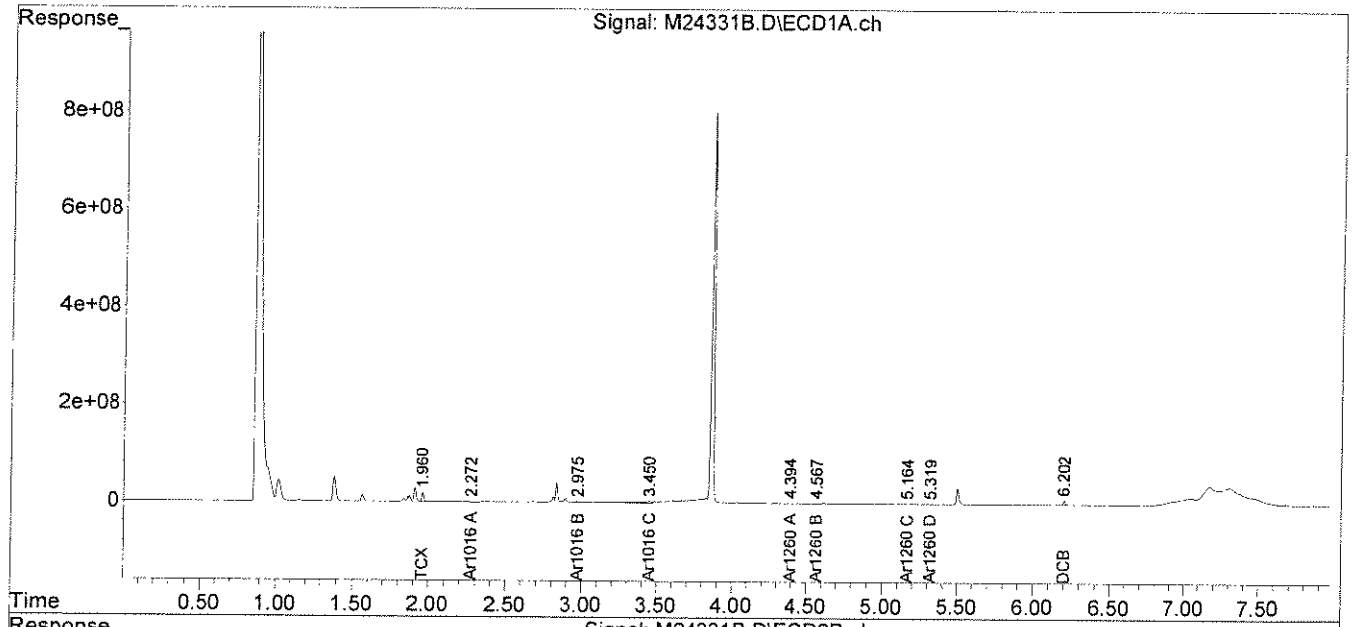
Authorized signature

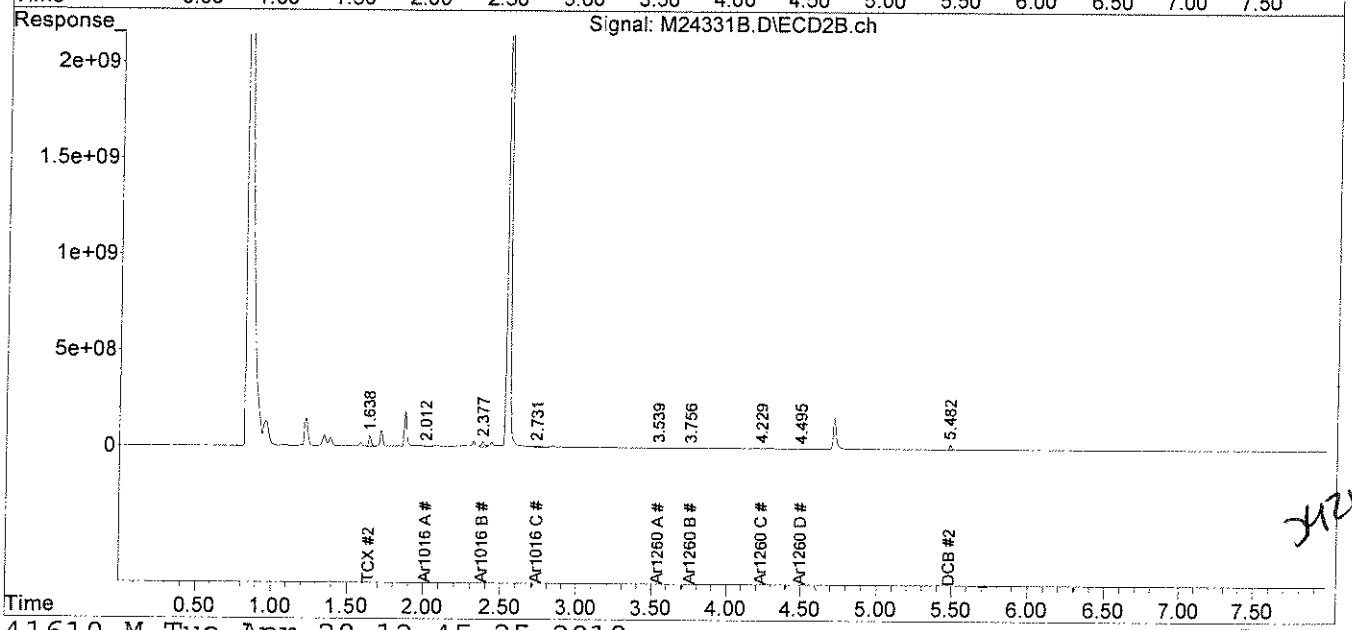
Data Path : C:\msdchem\1\DATA\041910-M\
Data File : M24331B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2010 5:26 pm
Operator : JK
Sample : B041510PSOX,RR2,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 12:45:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:56 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

QL 04.2010





4/21/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 21, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041510PSOX RR3
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/15/10
Analysis Date: 04/20/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	120	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

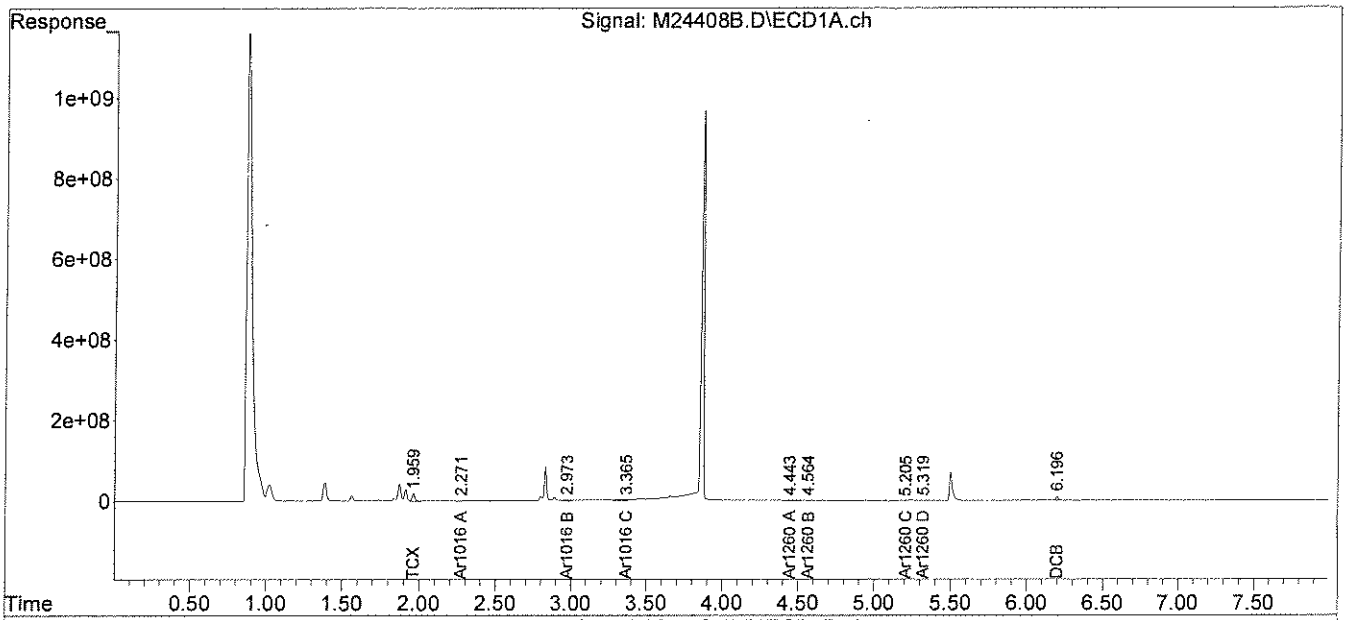
Authorized signature

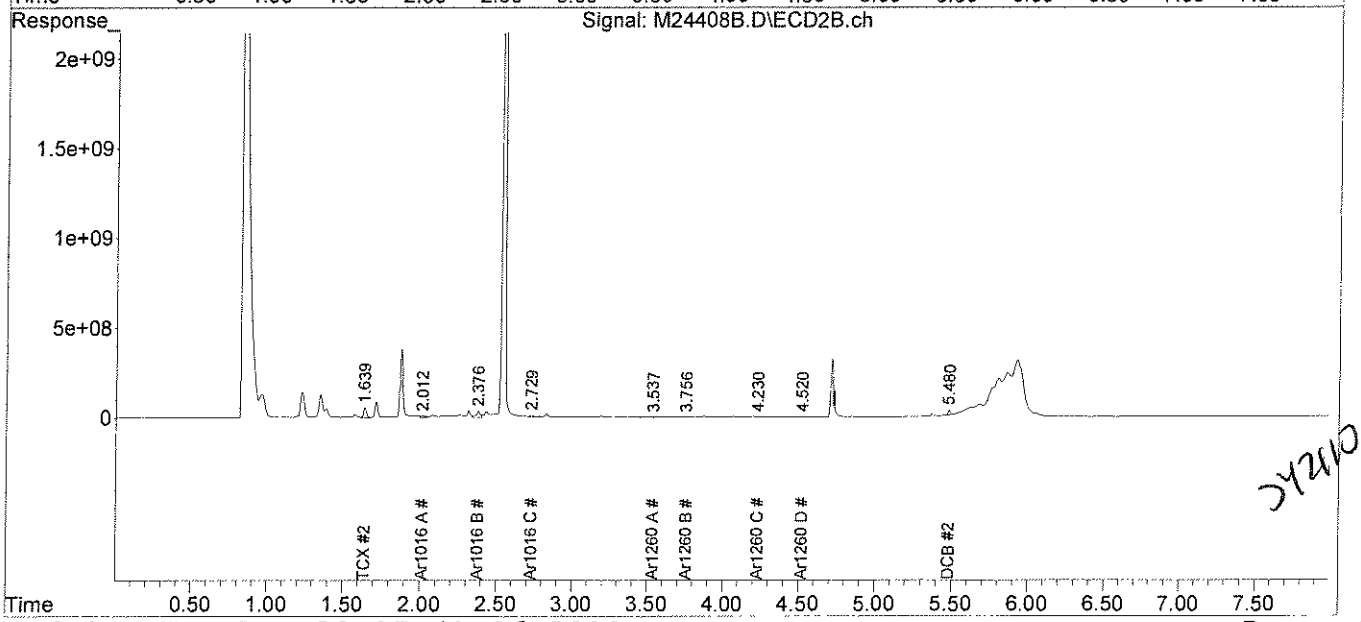
Data Path : C:\msdchem\1\DATA\042010-M\
Data File : M24408B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2010 2:15 pm
Operator : JK
Sample : B041510PSOX,RR3,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 15:43:08 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:56 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 04-20-10





JL 04-20-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBK-019

SAMPLE DATA

Lab Sample ID: 66302-18
Matrix: Solid
Percent Solid: 99
Dilution Factor: 8
Collection Date: 04/13/10
Lab Receipt Date: 04/14/10
Extraction Date: 04/15/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	260	U
PCB-1221	260	U
PCB-1232	260	U
PCB-1242	260	U
PCB-1248	260	U
PCB-1254	260	U
PCB-1260	260	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	103	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

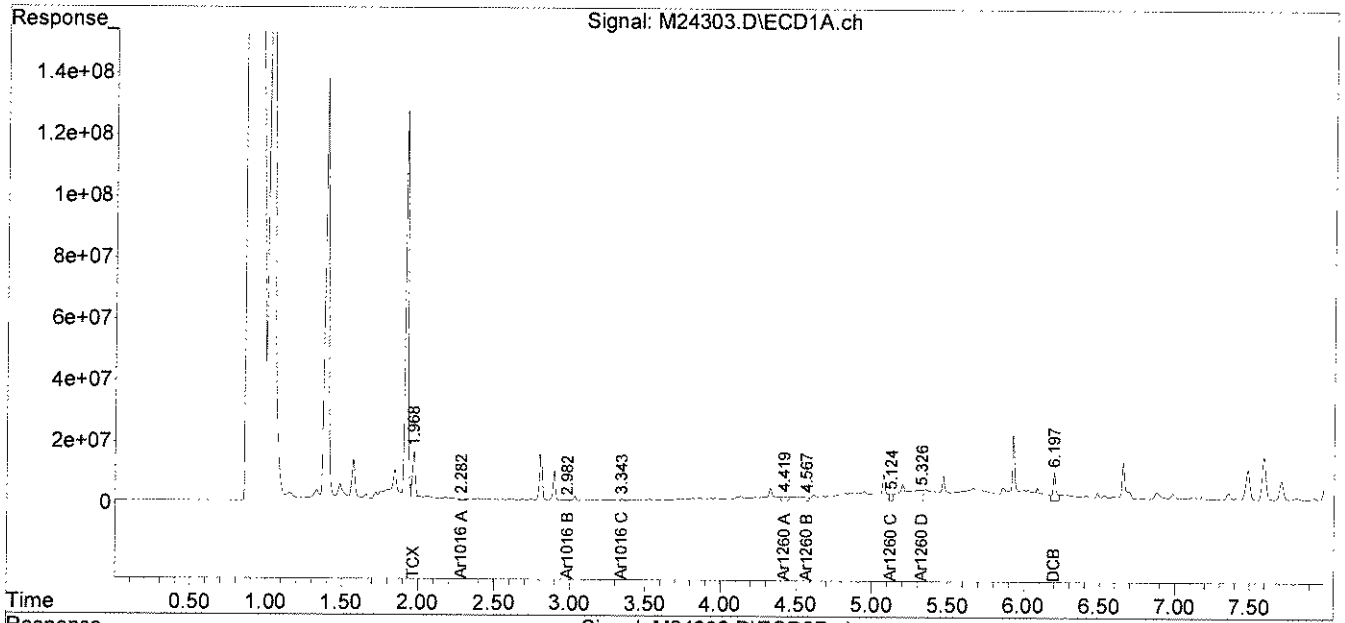
PCB Report

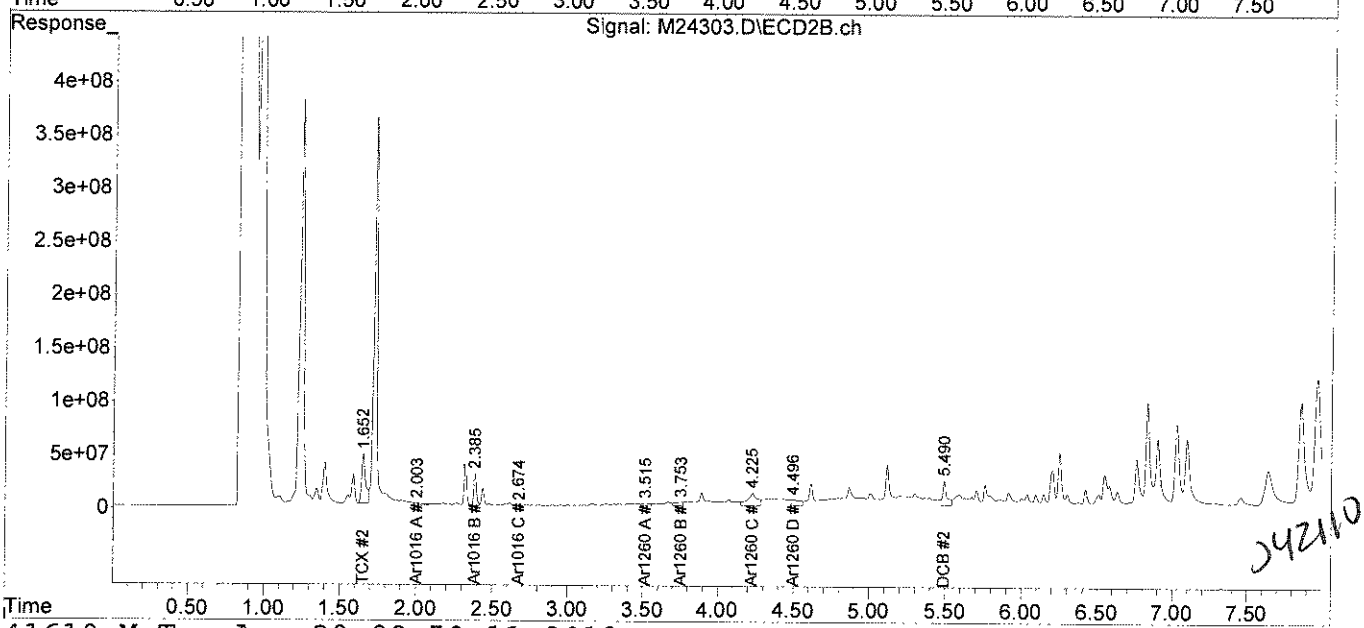
Authorized signature

Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 10:29 pm
Operator : JK
Sample : 66302-18,,A/C
Misc : SOIL
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 09:50:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





042110

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 21, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBK-020

SAMPLE DATA

Lab Sample ID: 66302-19
Matrix: Solid
Percent Solid: 100
Dilution Factor: 962
Collection Date: 04/13/10
Lab Receipt Date: 04/14/10
Extraction Date: 04/15/10
Analysis Date: 04/19/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	31700	U
PCB-1221	31700	U
PCB-1232	31700	U
PCB-1242	31700	U
PCB-1248	31700	U
PCB-1254	31700	**959000**
PCB-1260	31700	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302
Sample: 66302-19,1:100,,A/C
Data File: M24333.D
Dilution Factor: 961.5

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	890483	958884	7.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

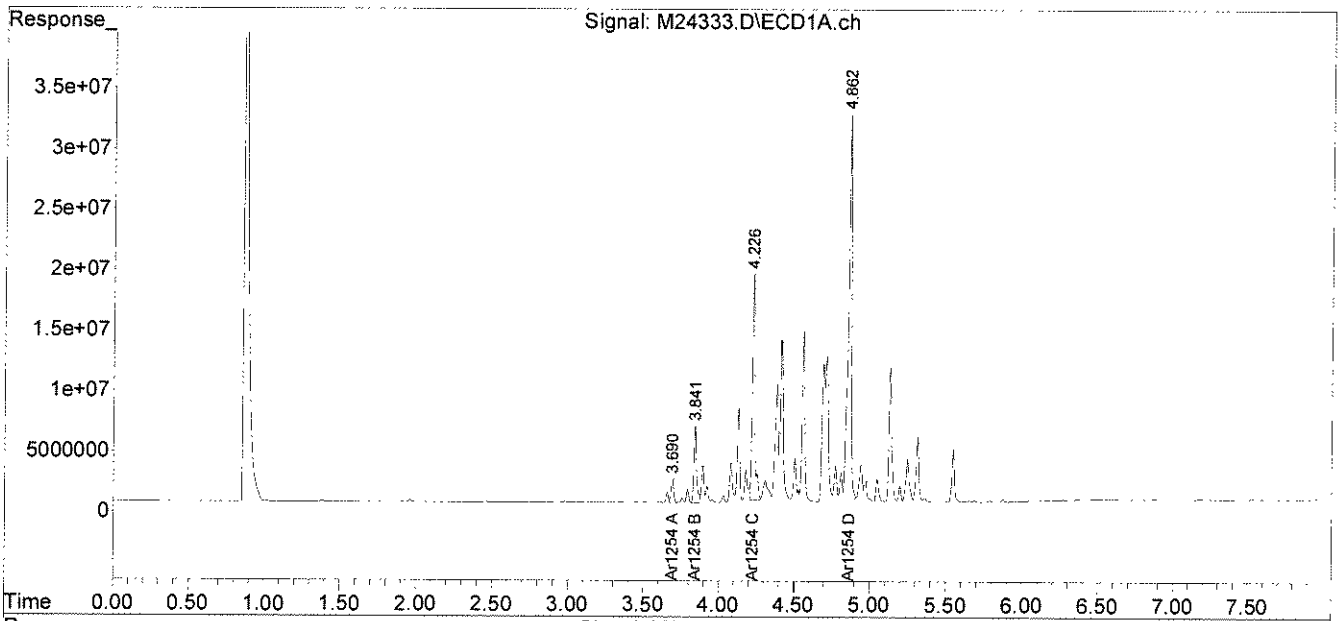
Quantitation Report (QT Reviewed)

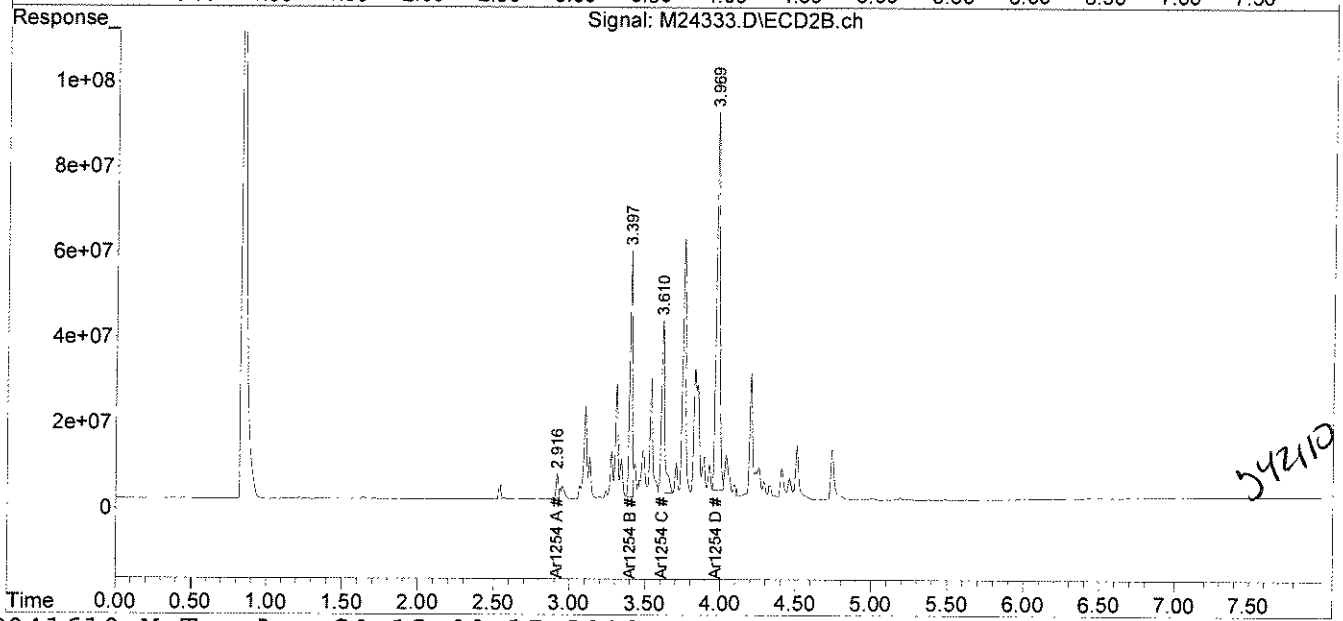
Data Path : C:\msdchem\1\DATA\041910-M\
Data File : M24333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2010 5:46 pm
Operator : JK
Sample : 66302-19,1:100,,A/C
Misc : SOIL
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 11:59:52 2010
Quant Method : C:\msdchem\1\METHODS\54SP041610.M
Quant Title :
QLast Update : Mon Apr 19 12:14:57 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

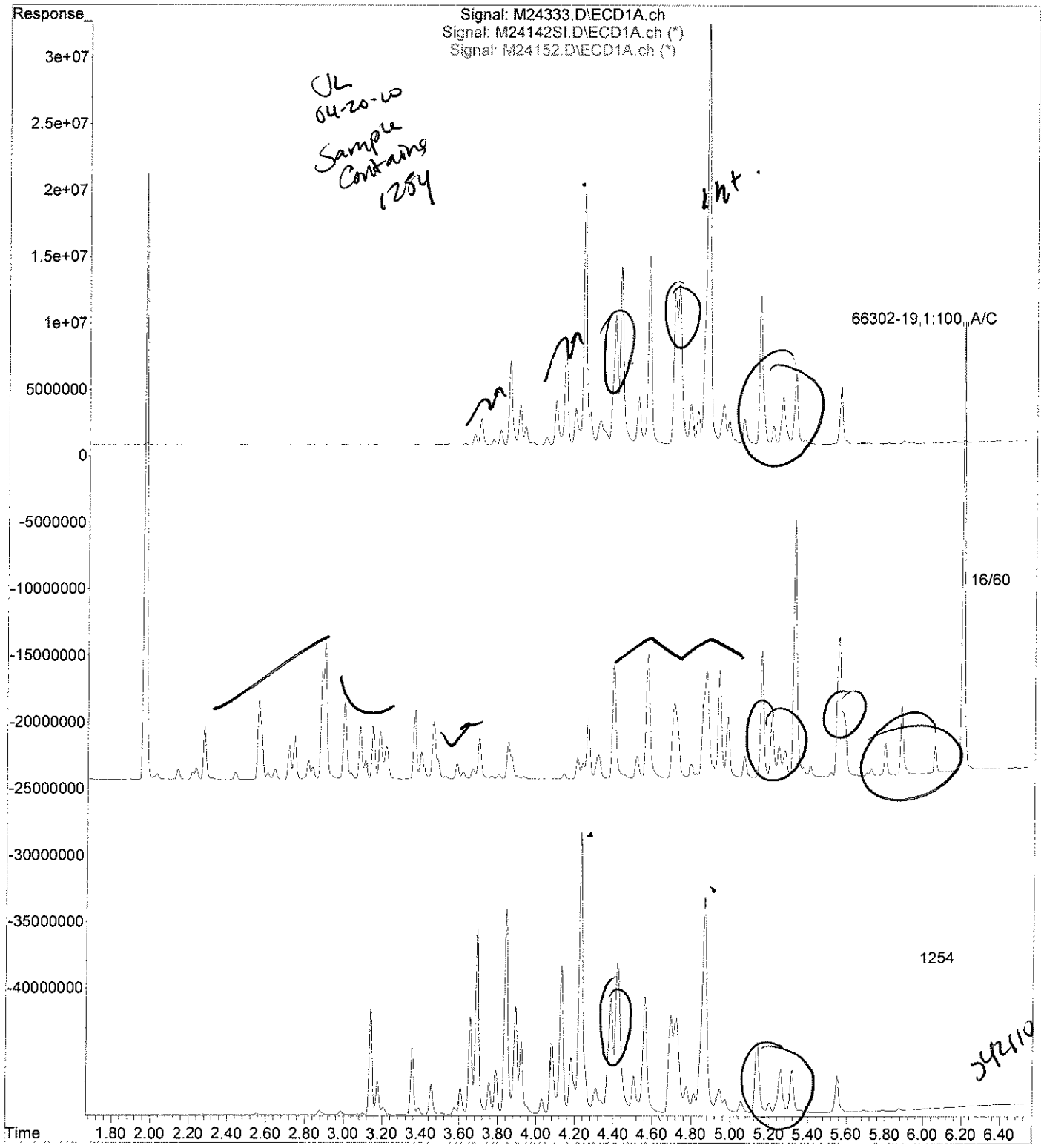
JK 04/20/10





JK 4/21/10

File :C:\msdchem\1\DATA\041910-M\M24333.D
Operator : JK
Acquired : 19 Apr 2010 5:46 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 66302-19,1:100,,A/C
Misc Info : SOIL
Vial Number: 8



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 22, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBK-021

SAMPLE DATA

Lab Sample ID: 66302-20
Matrix: Solid
Percent Solid: 97
Dilution Factor: 103
Collection Date: 04/13/10
Lab Receipt Date: 04/14/10
Extraction Date: 04/15/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	3400	U
PCB-1221	3400	U
PCB-1232	3400	U
PCB-1242	3400	U
PCB-1248	3400	U
PCB-1254	3400	U
PCB-1260	3400	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	108	%
Decachlorobiphenyl	84	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

PCB Report

Authorized signature

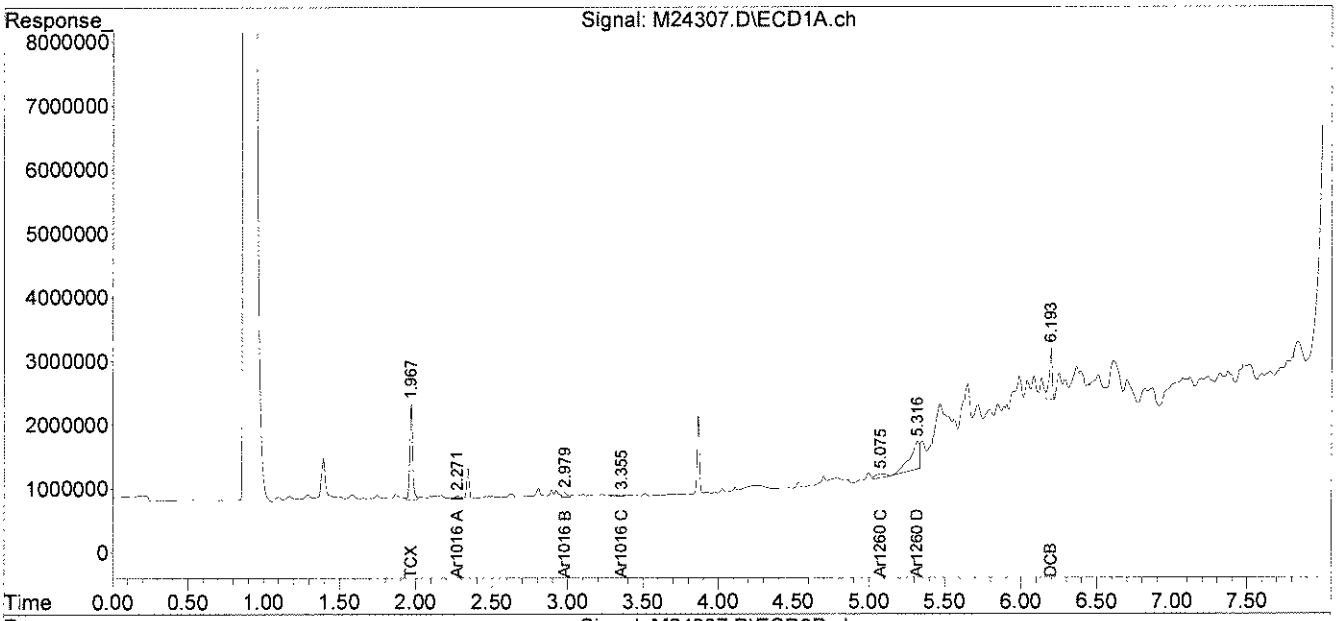
Quantitation Report (QT Reviewed)

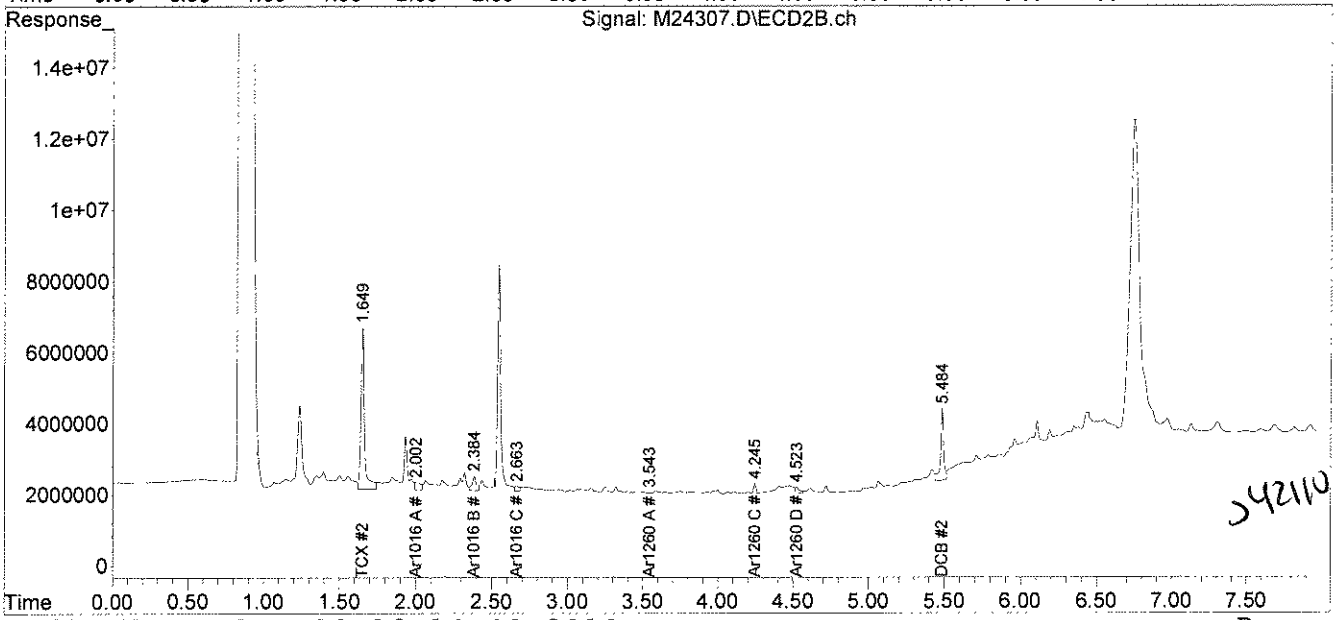
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 11:10 pm
Operator : JK
Sample : 66302-20,1:10,,A/C
Misc : SOIL
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 10:14:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JR 04.20.10





5421LO

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 20, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBK-022

SAMPLE DATA

Lab Sample ID: 66302-21
Matrix: Solid
Percent Solid: 100
Dilution Factor: 7
Collection Date: 04/13/10
Lab Receipt Date: 04/14/10
Extraction Date: 04/15/10
Analysis Date: 04/17/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	230	U
PCB-1221	230	U
PCB-1232	230	U
PCB-1242	230	U
PCB-1248	230	U
PCB-1254	230	U
PCB-1260	230	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

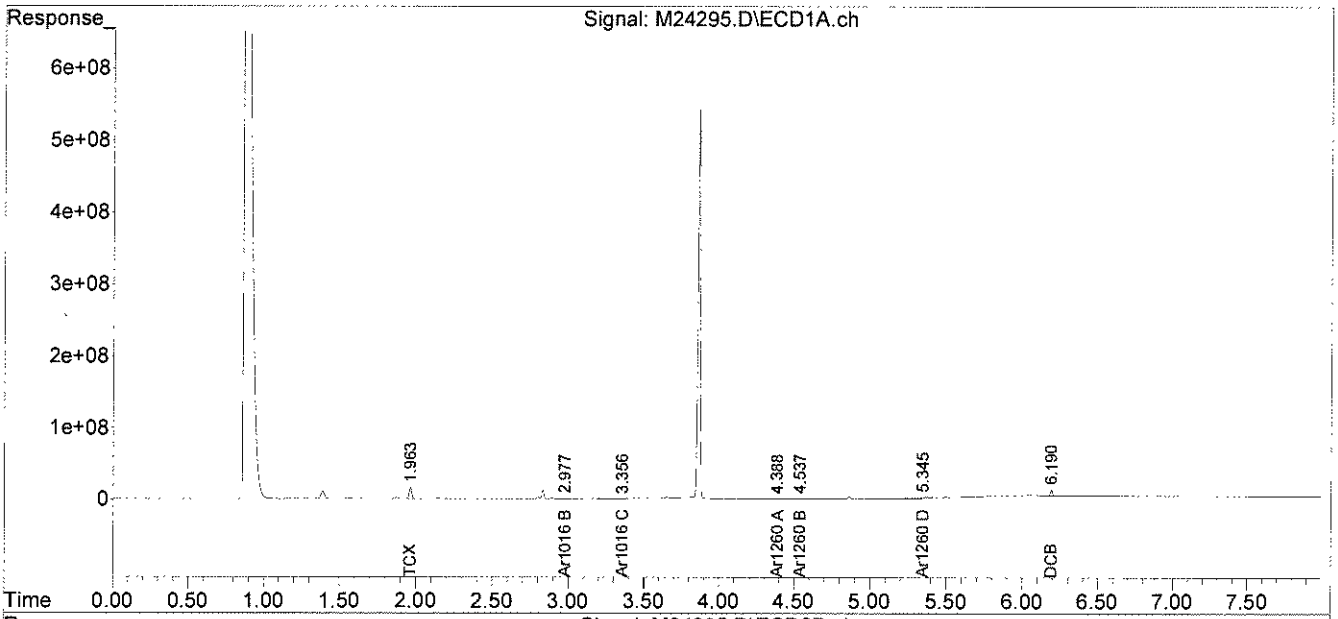
Quantitation Report (QT Reviewed)

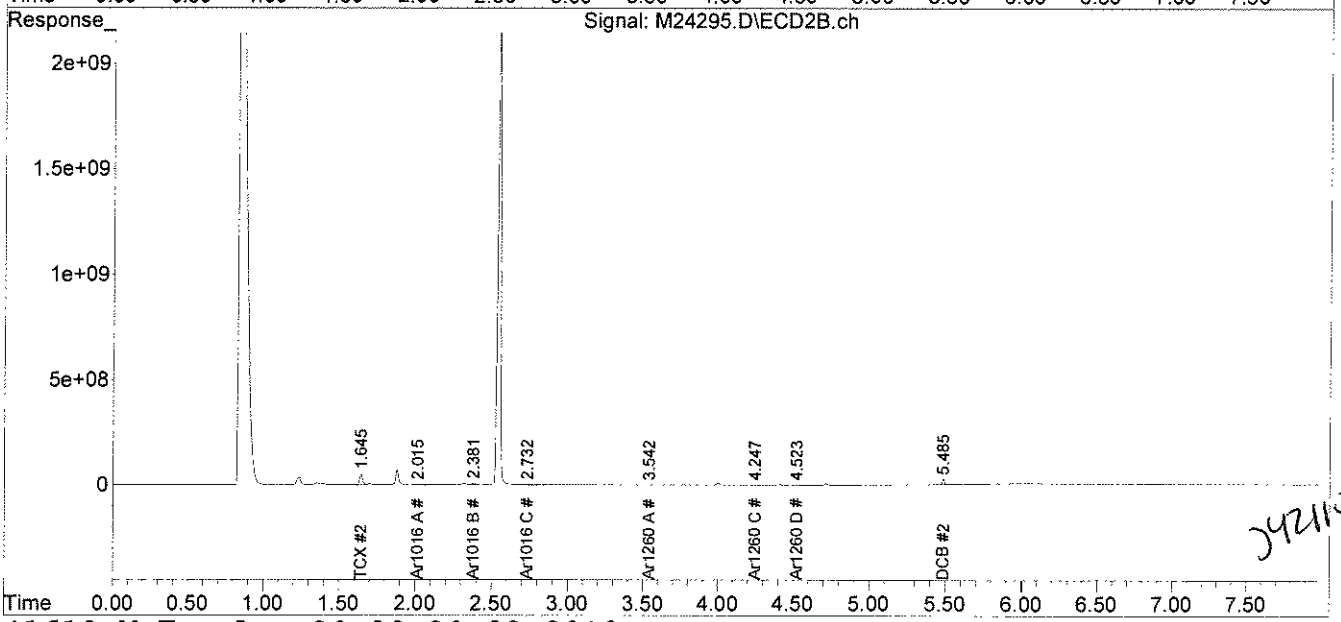
Data Path : C:\msdchem\1\DATA\041710-M\
Data File : M24295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2010 9:09 pm
Operator : JK
Sample : 66302-21,,A/C
Misc : SOIL
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 20 09:19:55 2010
Quant Method : C:\msdchem\1\METHODS\PCB041610.M
Quant Title : Aroclor 1016/1260
QLast Update : Fri Apr 16 15:36:55 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 04.20.10





JL 4/21/10

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides 1
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041410PSOX2,,A/C	108		76		108		52	
L041410PSOX2,,A/C	110		79		109		53	
LD041410PSOX2,,A/C	99		71		104		54	
66302-1,,A/C	89		78		88		50	
66302-2,,A/C	106		70		95		49	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides 1 SDG: 66302
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041410PSOX2,RR3	108		64		109		53	
66302-3,,A/C	65		42		66		34	*
66302-9,,A/C	107		74		93		49	
66302-10,,A/C	85		80		73		44	
66302-11,,A/C	94		66		61		46	
66302-6,,A/C	65		57		70		50	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041410PSOX2,RR4,,A	107		75		108		59	
66302-13,1:10,,A/C	101		106		72		45	
66302-16,1:10,,A/C	96		81		99		76	
66302-17,1:10,,A/C	109		127		107		105	
66302-8,1:10,,A/C	121		91		108		96	
66302-12,1:10,,A/C	103		76		116		96	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041510PSOX,,A/C	99		68		99		69	
L041510PSOX,,A/C	103		76		102		70	
LD041510PSOX,,A/C	107		70		106		74	
66302-24,,A/C	96		83		95		87	
66302-25,,A/C	78		66		71		53	
66302-27,,A/C	92		65		94		76	
66302-28,,A/C	97		98		100		91	
66302-29,,A/C	96		74		98		73	
66302-29,MS,,A/C	100		80		104		82	
66302-29,MSD,,A/C	94		70		97		78	
66302-21,,A/C	98		70		103		61	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041510PSOX,RR,,A/C	100		89		101		74	
66302-14,,A/C	120		71		105		49	
66302-18,,A/C	99		103		123		100	
66302-4,1:10,,A/C	97		97		109		56	
66302-7,1:10,,A/C	102		103		84		49	
66302-15,1:10,,A/C	90		52		123		73	
66302-20,1:10,,A/C	108		84		102		56	
66302-23,1:10,,A/C	66		95		46		51	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041510PSOX,RR2,,A/(	104		65		102		61	
66302-26,1:200,,A/C	D		D		D		D	
66302-19,1:100,,A/C	D		D		D		D	
66302-5,1:2,,A/C	111		85		107		57	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66302

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC I (%)	#	SMC 2 (%)	#
B041510PSOX,RR3,,A/C	120		77		115		64	
66302-22,1:2,,A/C	100		89		99		73	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66302

Non-spiked sample: B041410PSOX2,,A/C

Spike: L041410PSOX2,,A/C

Spike duplicate: LD041410PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	216	108		188	94		14.0	
PCB 1260	200	200	60	130	30	0	204	102		189	95		7.5	
PCB 1016 #2	200	200	65	140	30	0	269	134		229	114		16.1	
PCB 1260 #2	200	200	60	130	30	0	239	120		217	108		10.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66302

Non-spiked sample: B041510PSOX,,A/C

Spike: L041510PSOX,,A/C

Spike duplicate: LD041510PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	274	137		385	192	*	33.8	*
PCB 1260	200	200	60	130	30	0	198	99		219	110		10.1	
PCB 1016 #2	200	200	65	140	30	0	240	120		353	177	*	38.3	*
PCB 1260 #2	200	200	60	130	30	0	222	111		251	125		12.2	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66302

Non-spiked sample: 66302-29,,A/C

Spike: 66302-29,MS,,A/C

Spike duplicate: 66302-29,MSD,,A/C

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	1327	1268	65	140	30	0	1342	101		1307	103		2.6	
PCB 1260	1327	1268	60	130	30	0	1662	125		1265	100		27.1	
PCB 1016 #2	1327	1268	65	140	30	0	1313	99		1313	104		0.0	
PCB 1260 #2	1327	1268	60	130	30	0	1364	103		1233	97		10.1	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

MS/MSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or ~~hand-delivered~~
2) Temp blank °C 4.1°
3) Received in good condition (Y) or N
4) pH checked by: N/A
5) Labels checked by: AP 4/14/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/tvoe		pH	Analytics Sample #
~~JAC~~ JAC-CBK-001	4/13/10	8:15	8260		X						Caulk	1	G		66302-1
JAC-CBK-002	4/13/10	8:22													2
JAC-CBK-003	4/13/10	8:29													3
* JAC-CBK-004	4/13	8:33													4
* JAC-CBK-005	4/13	8:38													5
GRH-CBK-007	4/13	9:50													6
* GRH-CBK-008	4/13	9:54													7
GRH-CBK-009	4/13	9:57													8
PNH-CBK-010	4/13	10:28													9
PNH-CBK-011	4/13	10:34													10
PNH-CBK-012	4/13	10:37													11

Received By: Time: 15:15
Received By: Date: 4/14 Time: 08:40
Received By: Date: 4/14/10 Time:

Relinquished By Sampler: Amy Wa Date: 4/14/10 Time: 15:15
Relinquished By: Date: 4/14/10 Time: 08:40
Relinquished By: Date: Time:

Email Results to:
awallace@woodardcurran.com
jhamel@woodardcurran.com

Comments / Instructions:
Soxhlet/8082
*Samples on hold as per Amy Wallace's email, see attached -CP 4/14/10
*Samples off hold per Jeff Hamel's email, see attached JBB 4/15/10

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☒ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☒ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.1°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: AP 4/14/10

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
PNH-CBK-013	4/13/10	10:41	PCB		X						caulk	1	G		66302-12
PNH-CBK-014	4/13	10:45													13
*CLP-CBK-015	4/13	11:10													14
*CLP-CBK-016	4/13	11:16													15
CLP-CBK-017	4/13	11:45													16
CLP-CBK-018	4/13	11:50													17
SDV-CBK-019	4/13	12:31													18
SDV-CBK-020	4-13	12:36													19
*SDV-CBK-021▲	4-13	12:46													20
SDV-CBK-022▲	4-13	12.50													21
*SC1-CBK-023	4-13	13:55													22

Received By: Time: 15:15 Date: 4/14
Received By: Time: Date:
Received By: Time: Date: 4/14/10

Email Results to:

Comments / Instructions:

soxhlet / 8082

* on hold, see pg 1

▲ No sample label, just '021' and '022' written on caps, left message for Amy W. - CP 4/14/10, OK to label jars as 'SDV-CBK-021' and 'SDV-CBK-022' as per Amy Wallace - CP 4/19/10

*off hold, See pg 1

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☒ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☒ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Relinquished By Sampler:
Relinquished By:
Relinquished By:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.1°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: AP 4/14/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
*SC1-CBK-025	4/13/10	14:04	PCB		X						caulk	1	G		66302-23
KEO-CBK-027	4/14/10	7:35													24
PNH-CBK-029	4/14	9:13													25
GRH-CBK-030	4/14	9:55													26
KEO-CBK-031	4/14	10:39													27
KEO-CBK-032	4/14	10:48													28
KEO-CBK-033	4/14	10:52													29

Received By: Time: 15:15
Received By: Time:
Received By: Time:
Date: 4/14
Date:
Date:

Email Results to:

Comments / Instructions:

soxhlet / 8082

* on hold, see page 1
* off hold, see pg. 1

Turnaround Time (TAT)

- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [X] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [X] MCP*
- [ ] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [X] MA
- [ ] ME
- [ ] CT
- [ ] RI

Other:

State Standard:
(eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Relinquished By Sampler:
Relinquished By:
Relinquished By:

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66302 | COOLER NUMBER: N/A

CLIENT: Woodard | NUMBER OF COOLERS: 1

PROJECT: Wellesley College | DATE RECEIVED: 4/14/10

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 4/14/10

1. Cooler received by(initials): LM | Date Received: 4/14/10

2. Circle one: Hand delivered (If so, skip 3) | Shipped

3. Did cooler come with a shipping slip? Y (N/A)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	(Y)	N
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N

11. Was enough ice used to chill the cooler? (Y) N | Temp. of cooler: 4.1°

B. Log-In: Date samples were logged in: CP | By: 4/14/14

12. Type of packing in cooler(bubble wrap, popcorn)	(Y)	N
13. Were all bottles sealed in separate plastic bags?	Y	(N)
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	Y	(N)
16. Did all bottle labels agree with custody papers?	Y	(N)
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	Y	(N/A)
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were bubbles absent in VOA samples?	Y	(N/A)

- Containers do not have sample time/date
- Sample containers for "1SDV-CBK-021" and "1SDV-CBK-022" have blank labels but have "021" and "022" on caps awaiting client's call back CP 4/14/10

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): AP | Date: 4/14/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

June 7, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 66799
Wellesley College

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 66799-1, 66799-3, 66799-4, 66799-6, 666799-10, 66799-11 and 66799-12 were analyzed at dilutions due to concentrations of PCBs in the samples.

Decachlorobiphenyl (DCB) had low recovery in the continuing calibration standards (File# L17302SC and L17303SC) on column#1. Column #2 was in control for all analytes. Results were reported from column #2.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 66799

Revision: Rev. 0

Re: Wellesley College (Project No: 223358)

Enclosed are the results of the analyses on your sample(s). Samples were received on 28 May 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 06/08/2010

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 66799** **REV: Rev. 0**

PROJECT: Wellesley College (Project No: 223358)

Lab Number	Sample Date	Station Location	Analysis	Comments
66799-1	05/27/10	SDV-CBL-040	EPA 8082 (PCBs only)	
66799-2	05/27/10	SDV-CBL-041	EPA 8082 (PCBs only)	
66799-3	05/27/10	SDV-CBL-050	EPA 8082 (PCBs only)	
66799-4	05/27/10	SDV-CBL-043	EPA 8082 (PCBs only)	
66799-5	05/27/10	SDV-CBL-044	EPA 8082 (PCBs only)	
66799-6	05/27/10	SDV-CBL-051	EPA 8082 (PCBs only)	
66799-7	05/27/10	SDV-CBL-046	EPA 8082 (PCBs only)	
66799-8	05/27/10	SDV-CBL-047	EPA 8082 (PCBs only)	
66799-9	05/27/10	SDV-CBL-049	EPA 8082 (PCBs only)	
66799-10	05/27/10	SDV-CBS-042	EPA 8082 (PCBs only)	
66799-11	05/27/10	SDV-CBS-045	EPA 8082 (PCBs only)	
66799-12	05/27/10	SDV-CBS-048	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 8, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B060110PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	88	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

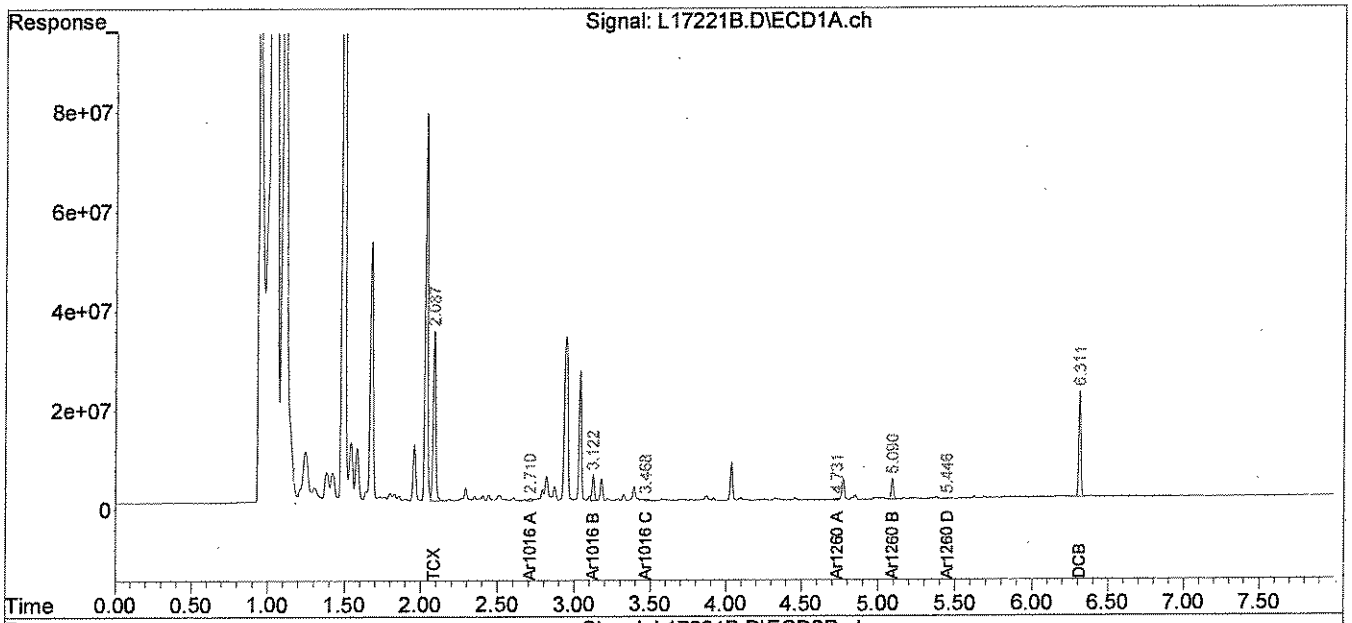
Authorized signature

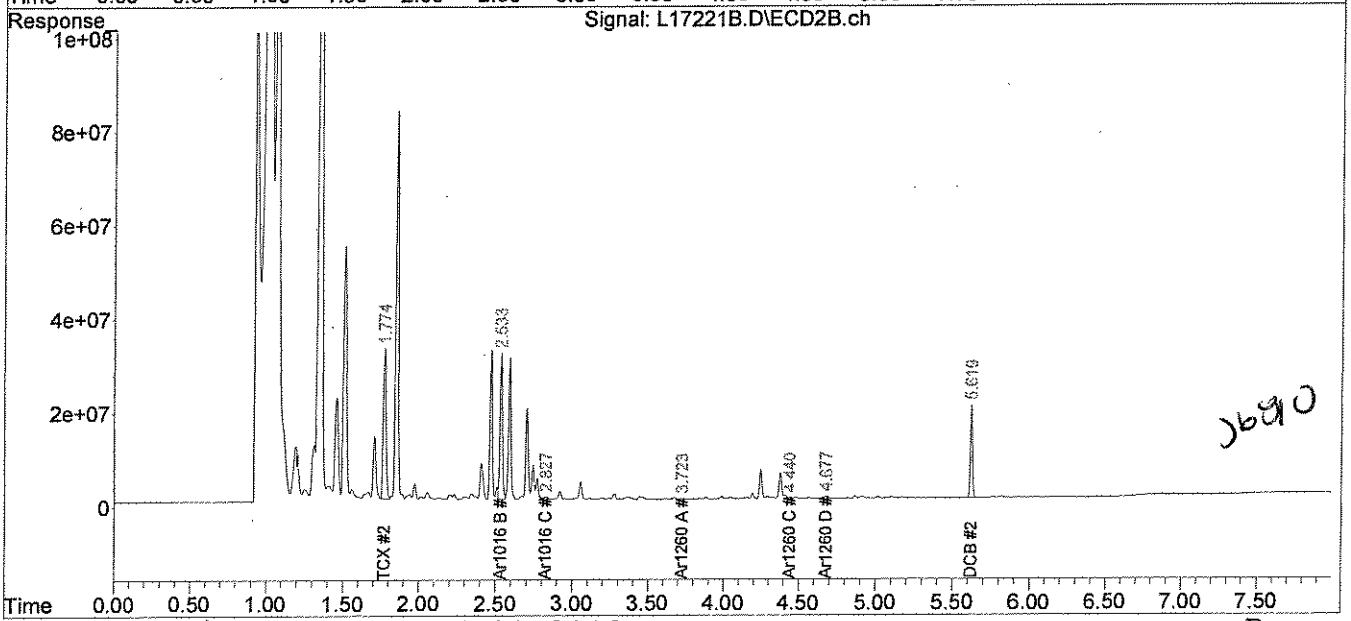
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17221B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 12:08 am
Operator : JK
Sample : B060110PSOX2,,A/C
Misc : SOIL
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 09:36:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

CJ 06.04.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JB90

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B060110PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB Report

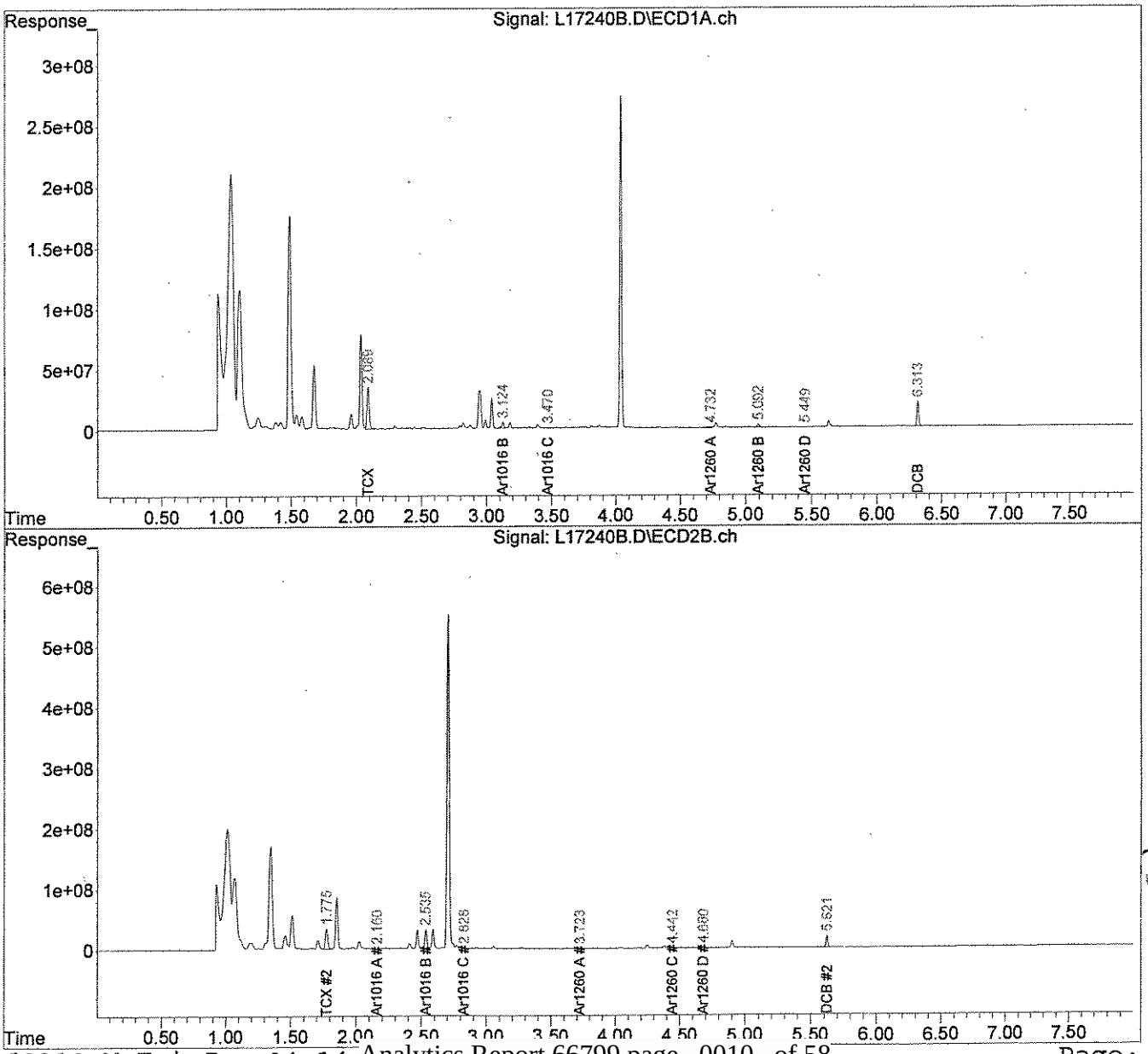
Authorized signature

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17240B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 9:14 am
Operator : JK
Sample : B060110PSOX2,,A/C
Misc : SOIL
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B060110PSOX RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

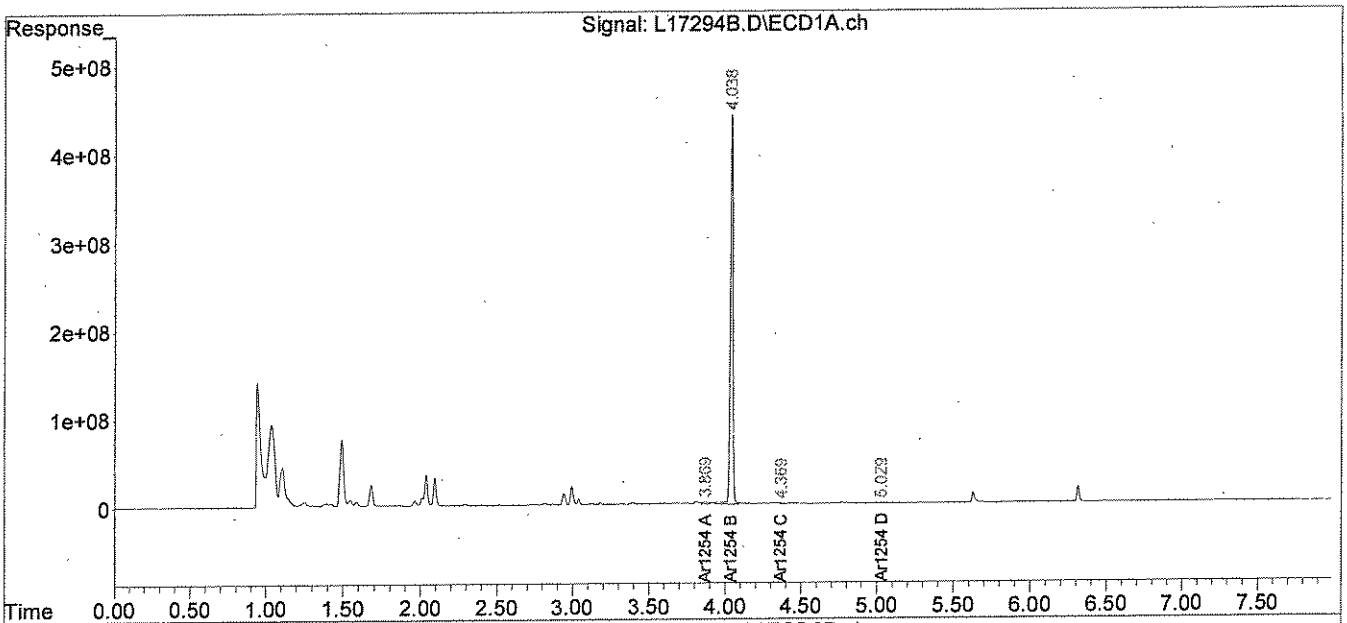
Quantitation Report (Not Reviewed)

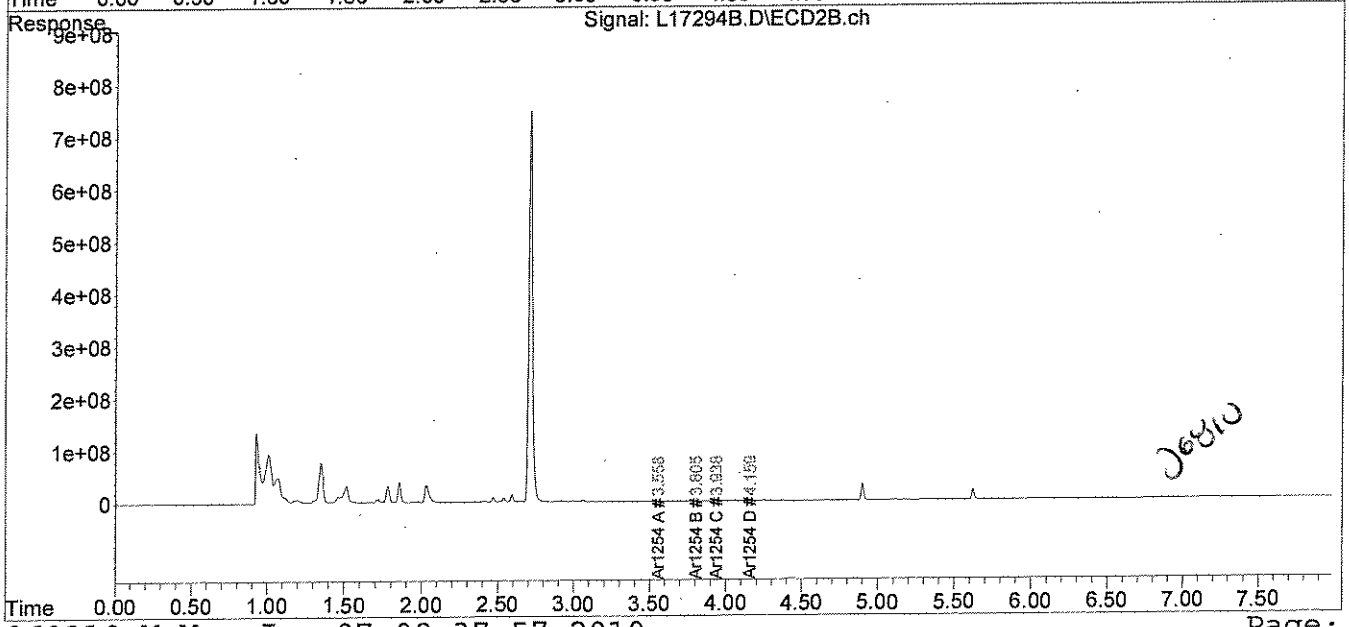
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17294B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 8:17 pm
Operator : JK
Sample : B060110PSOX,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:37:57 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

JR 06.07.10





JR 06.07.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-040

SAMPLE DATA

Lab Sample ID: 66799-1
Matrix: Solid
Percent Solid: 97
Dilution Factor: 20
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	660	U
PCB-1221	660	U
PCB-1232	660	U
PCB-1242	660	U
PCB-1248	660	U
PCB-1254	660	**13500**
PCB-1260	660	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-1,1:10,,A/C
Data File: L17295.D
Dilution Factor: 19.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	9416	13449	35.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

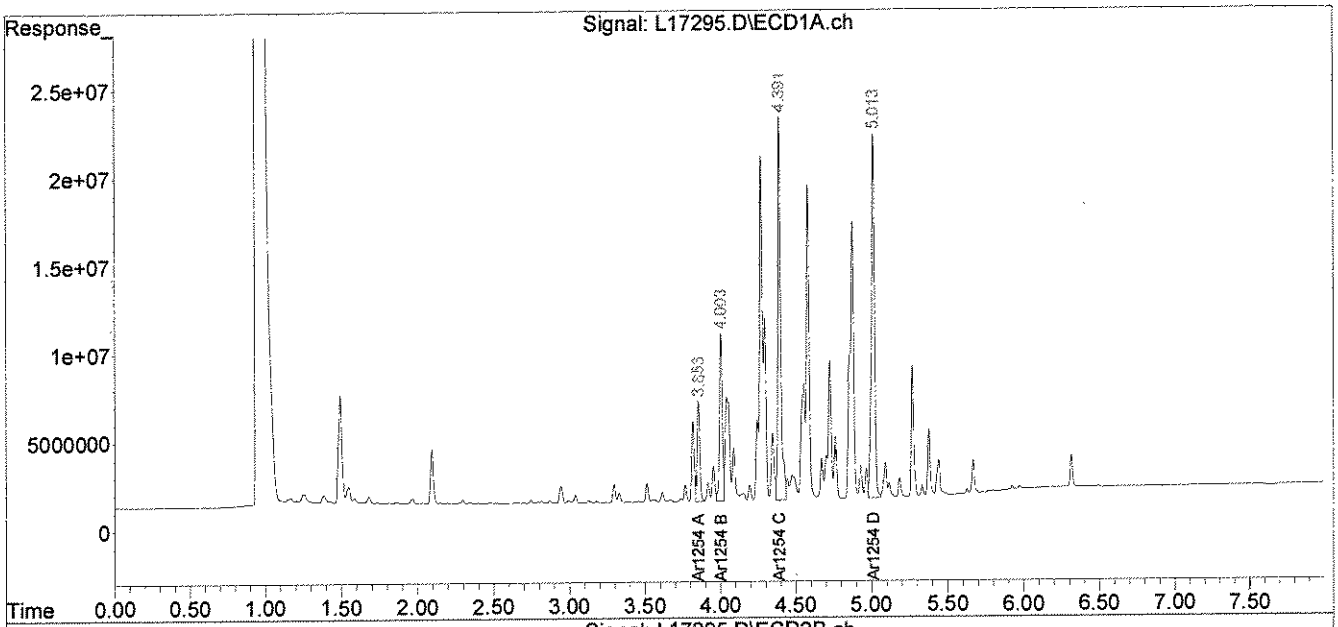
Quantitation Report (Not Reviewed)

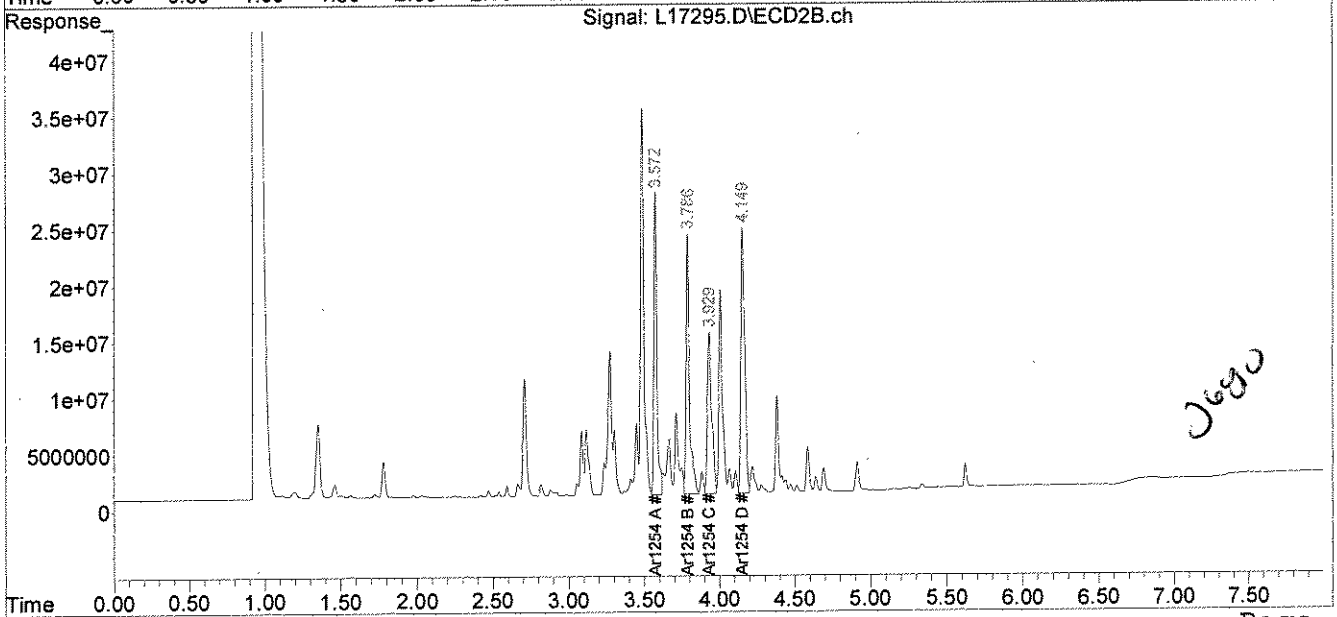
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 8:27 pm
Operator : JK
Sample : 66799-1,1:10,,A/C
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:00 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 06.07.10





JGW

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-041

SAMPLE DATA

Lab Sample ID: 66799-2
Matrix: Solid
Percent Solid: 99
Dilution Factor: 2.7
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	89	U
PCB-1221	89	U
PCB-1232	89	U
PCB-1242	89	U
PCB-1248	89	U
PCB-1254	89	U
PCB-1260	89	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	73	%
Decachlorobiphenyl	64	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

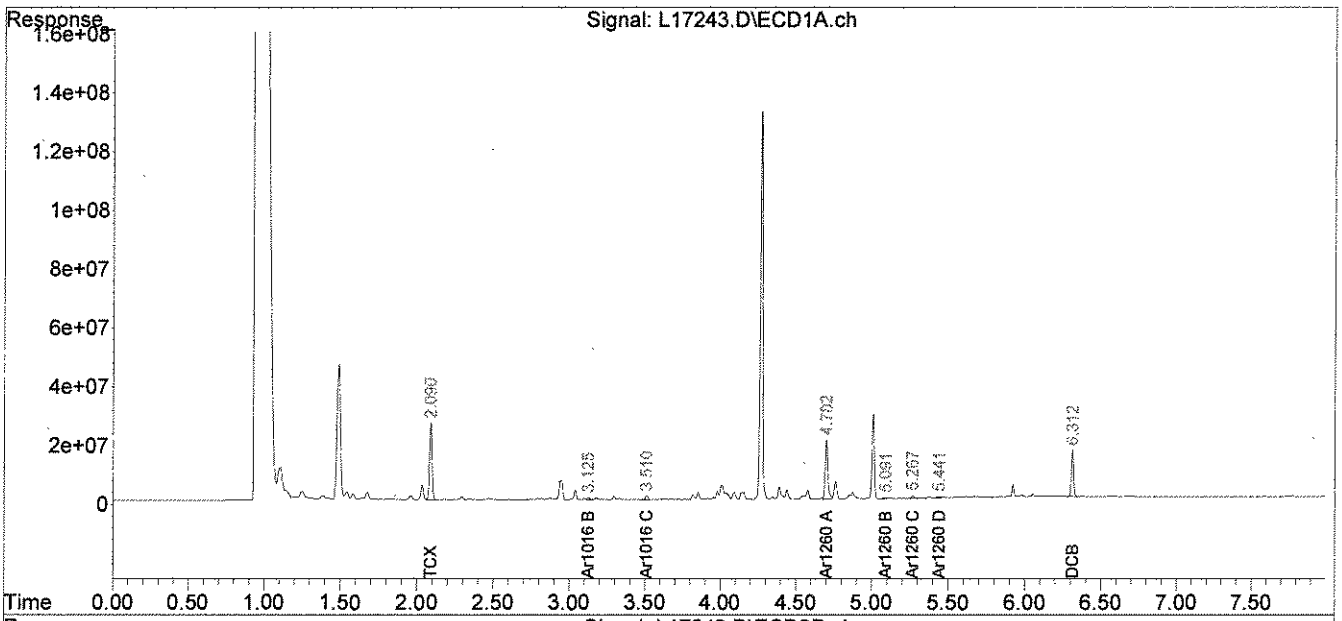
Quantitation Report (Not Reviewed)

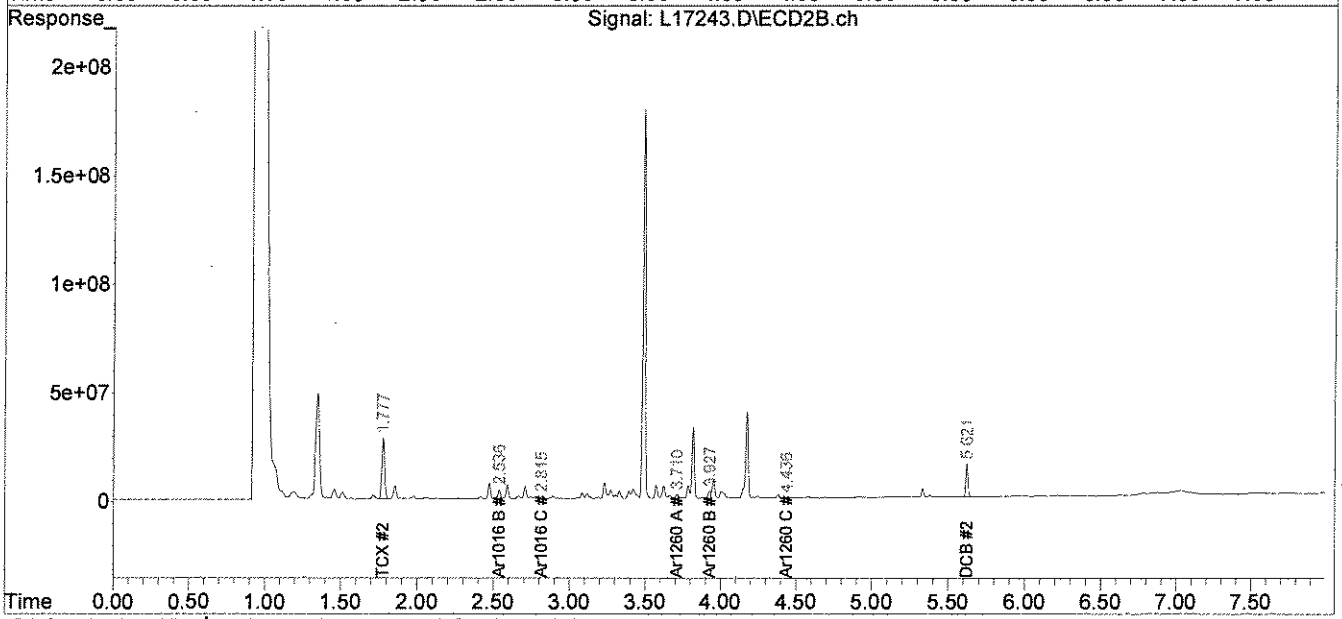
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 9:45 am
Operator : JK
Sample : 66799-2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 06.04.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





J6810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 8, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-050

SAMPLE DATA

Lab Sample ID: 66799-3
Matrix: Solid
Percent Solid: 99
Dilution Factor: 6
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**1750**
PCB-1260	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	86	%
Decachlorobiphenyl	85	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-3,1:5,,A/C
Data File: L17296.D
Dilution Factor: 6.3

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1480	1749	16.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

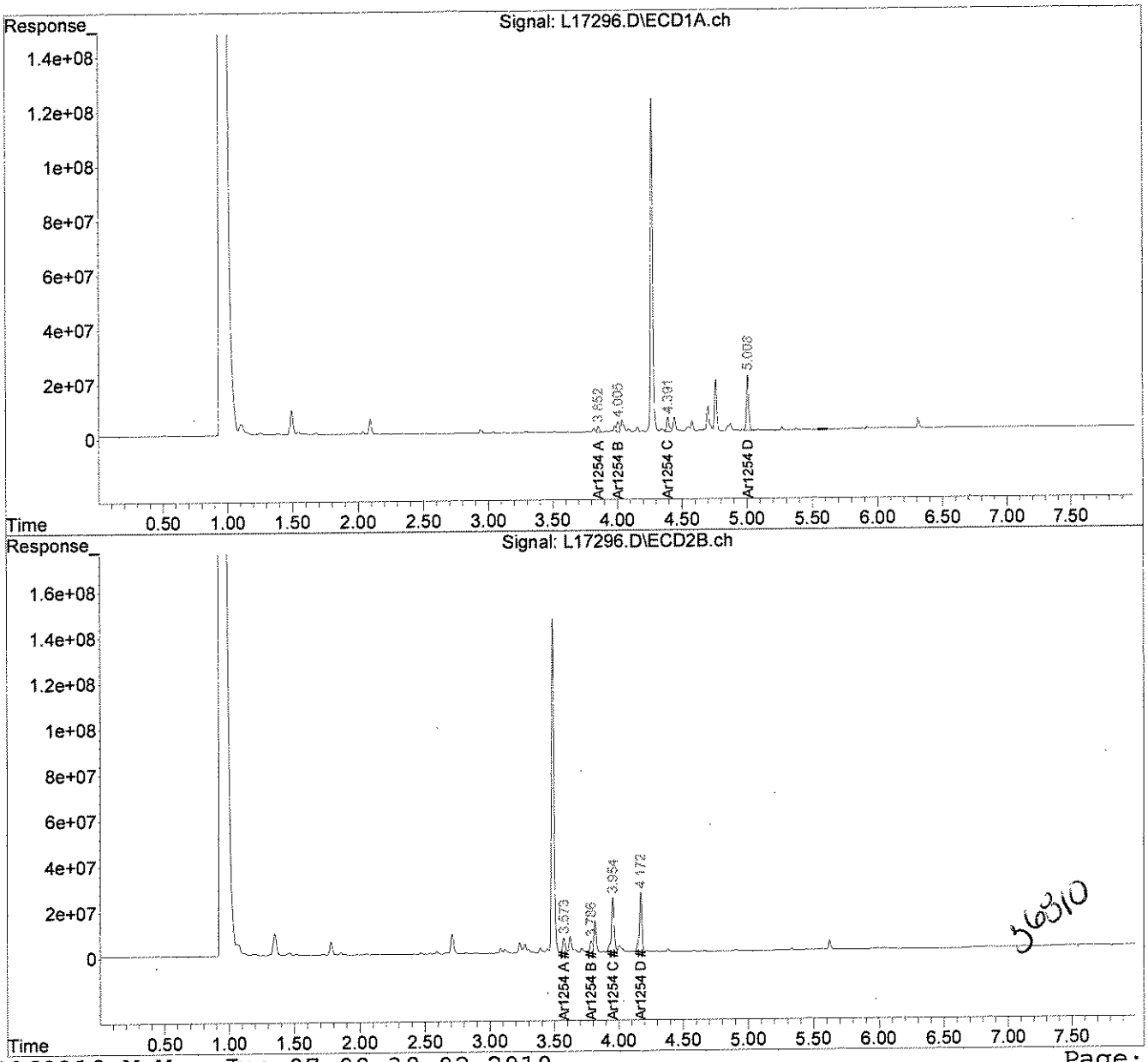
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 8:37 pm
Operator : JK
Sample : 66799-3,1:5,,A/C
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:02 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

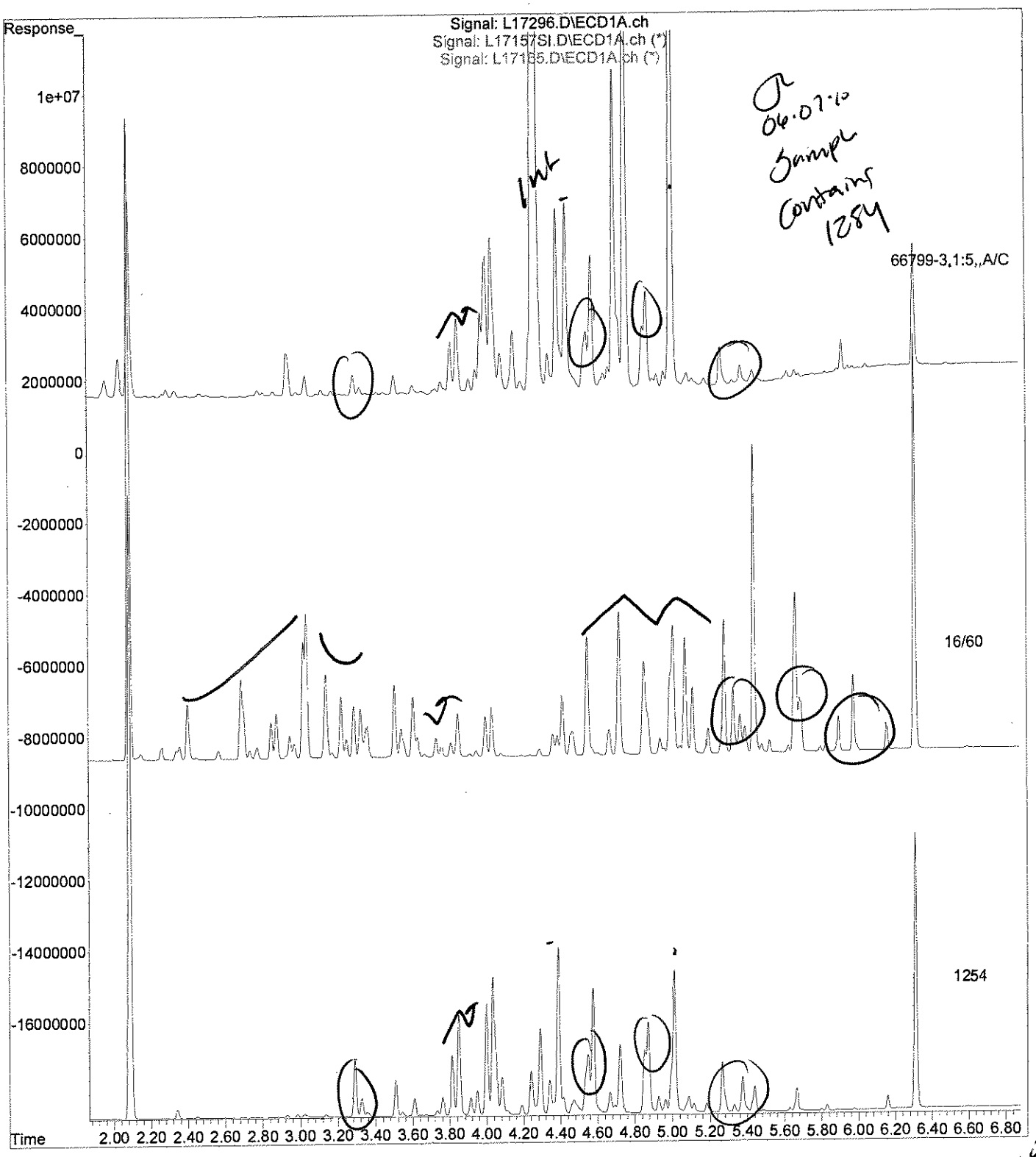
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

06.07.10



060310

File : C:\msdchem\1\DATA\060310-L\L17296.D
Operator : JK
Acquired : 4 Jun 10 8:37 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-3,1:5,,A/C
Misc Info : SOIL
Vial Number: 30



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-043

SAMPLE DATA

Lab Sample ID: 66799-4
Matrix: Solid
Percent Solid: 99
Dilution Factor: 202
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	6670	U
PCB-1221	6670	U
PCB-1232	6670	U
PCB-1242	6670	U
PCB-1248	6670	U
PCB-1254	6670	**129000**
PCB-1260	6670	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-4,1:200,,A/C
Data File: L17297.D
Dilution Factor: 201.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	89079	128599	36.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

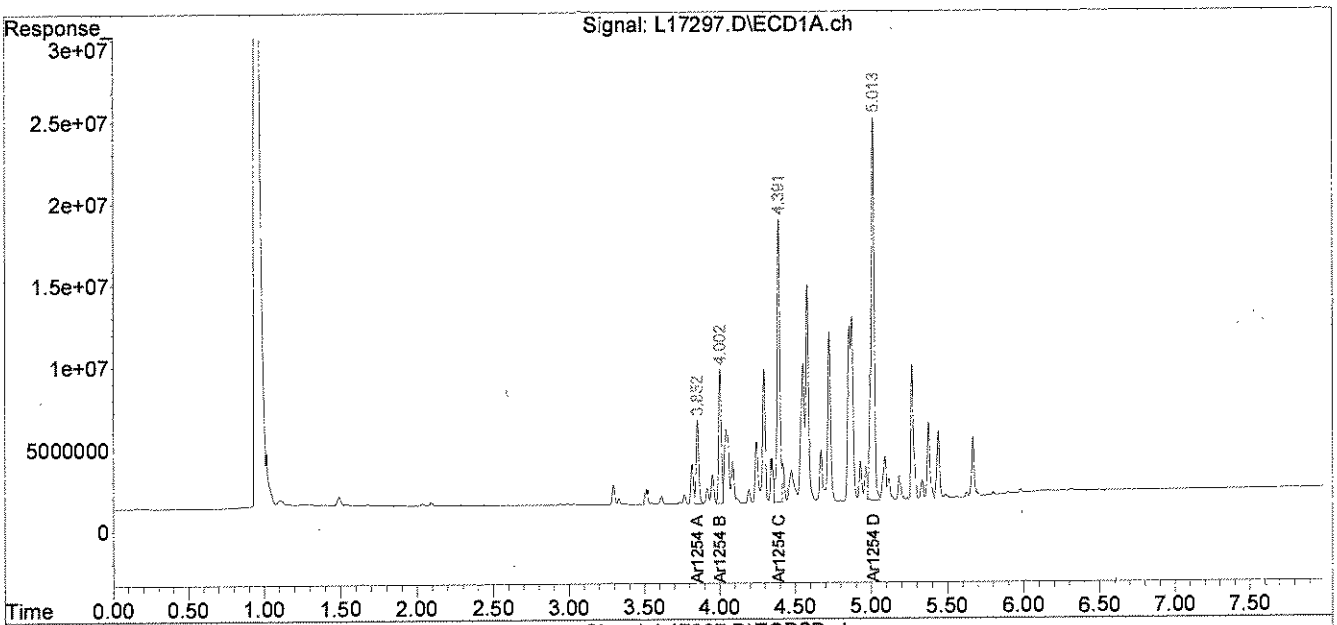
Quantitation Report (Not Reviewed)

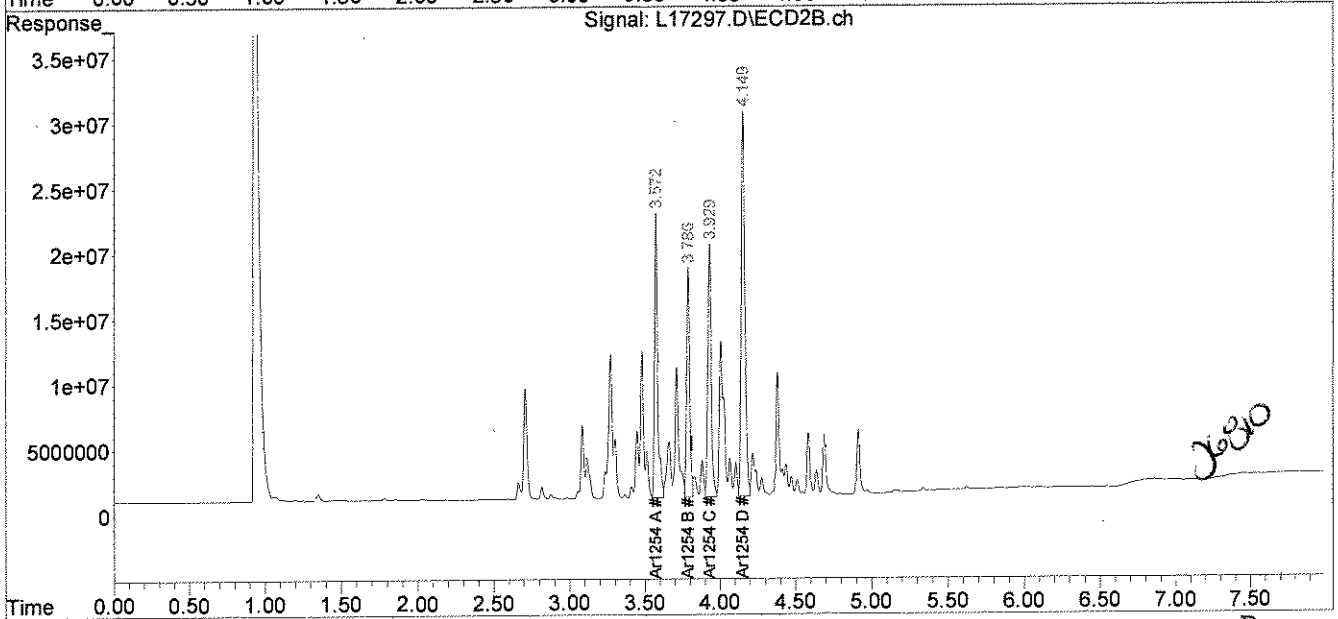
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 8:48 pm
Operator : JK
Sample : 66799-4,1:200,,A/C
Misc : SOIL
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:04 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

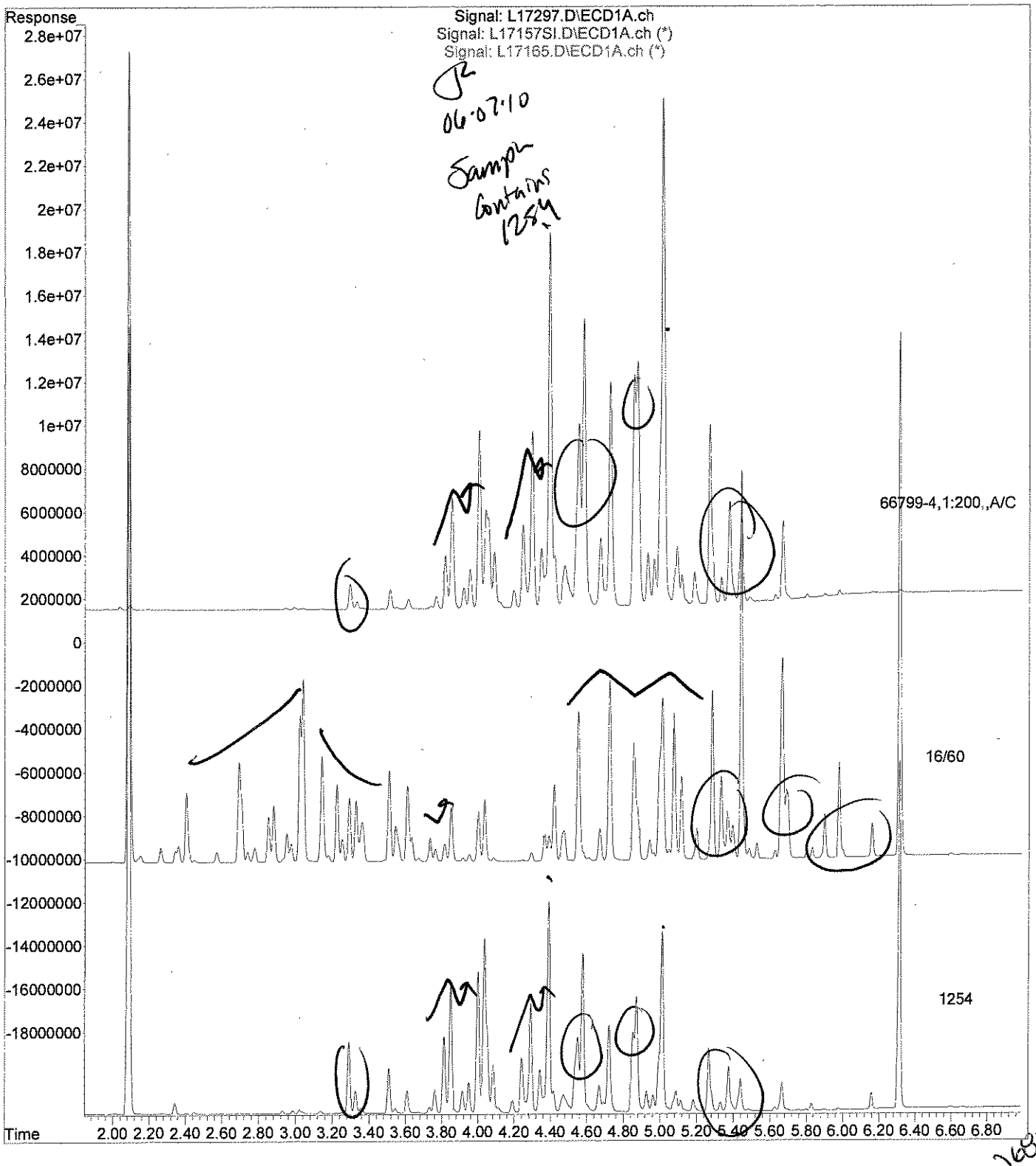
06.07w





JGB0

File : C:\msdchem\1\DATA\060310-L\L17297.D
Operator : JK
Acquired : 4 Jun 10 8:48 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-4,1:200,,A/C
Misc Info : SOIL
Vial Number: 31



J6810

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-044

SAMPLE DATA

Lab Sample ID: 66799-5
Matrix: Solid
Percent Solid: 98
Dilution Factor: 1.3
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	43	U
PCB-1221	43	U
PCB-1232	43	U
PCB-1242	43	U
PCB-1248	43	U
PCB-1254	43	U
PCB-1260	43	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

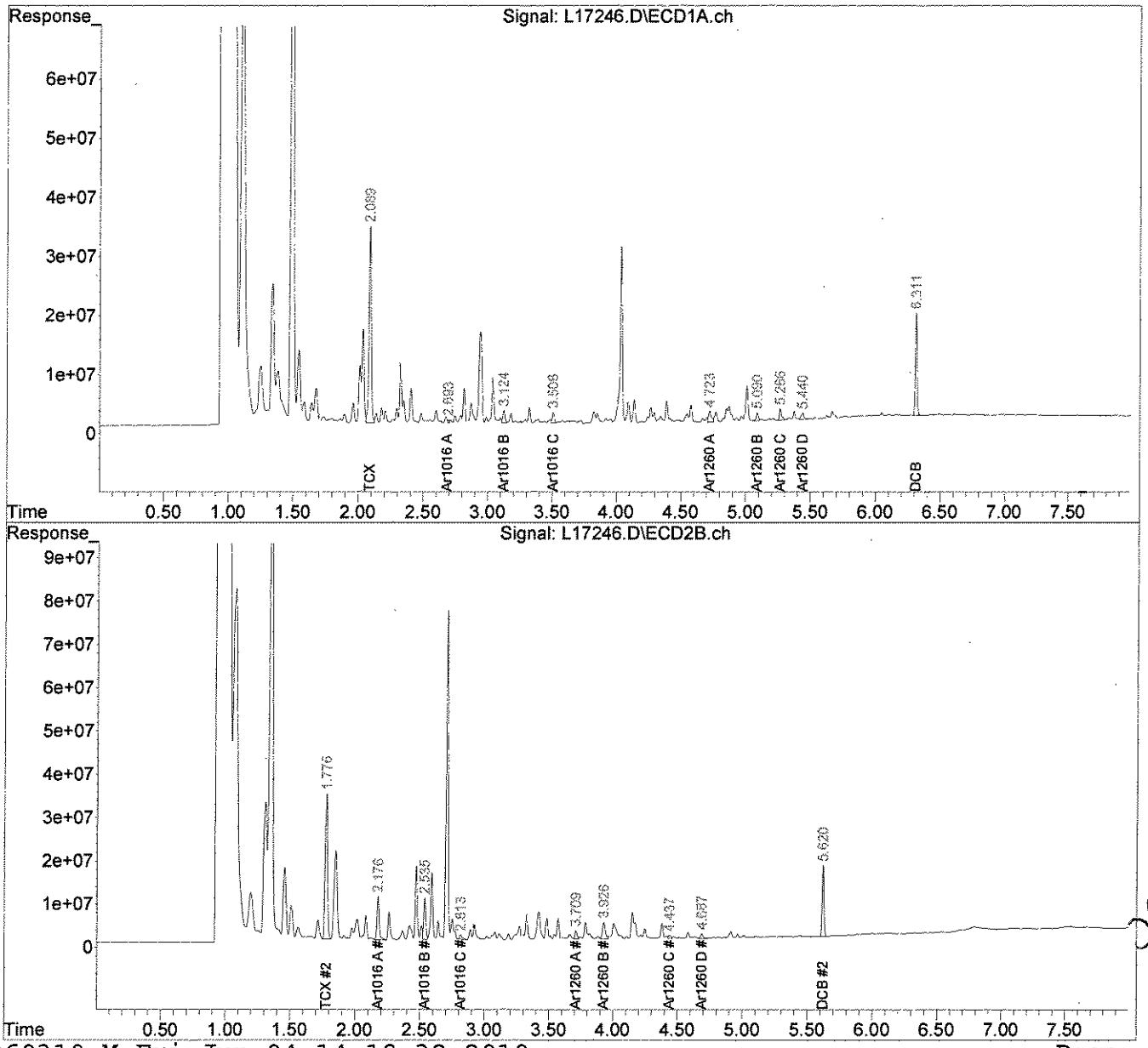
Authorized signature

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 10:16 am
Operator : JK
Sample : 66799-5,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:32 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um



6/8/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-051

SAMPLE DATA

Lab Sample ID: 66799-6
Matrix: Solid
Percent Solid: 99
Dilution Factor: 2.3
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	76	U
PCB-1221	76	U
PCB-1232	76	U
PCB-1242	76	U
PCB-1248	76	U
PCB-1254	76	**1670**
PCB-1260	76	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	87	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-6,1:2,,A/C
Data File: L17298.D
Dilution Factor: 2.3

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	1173	1670	35.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

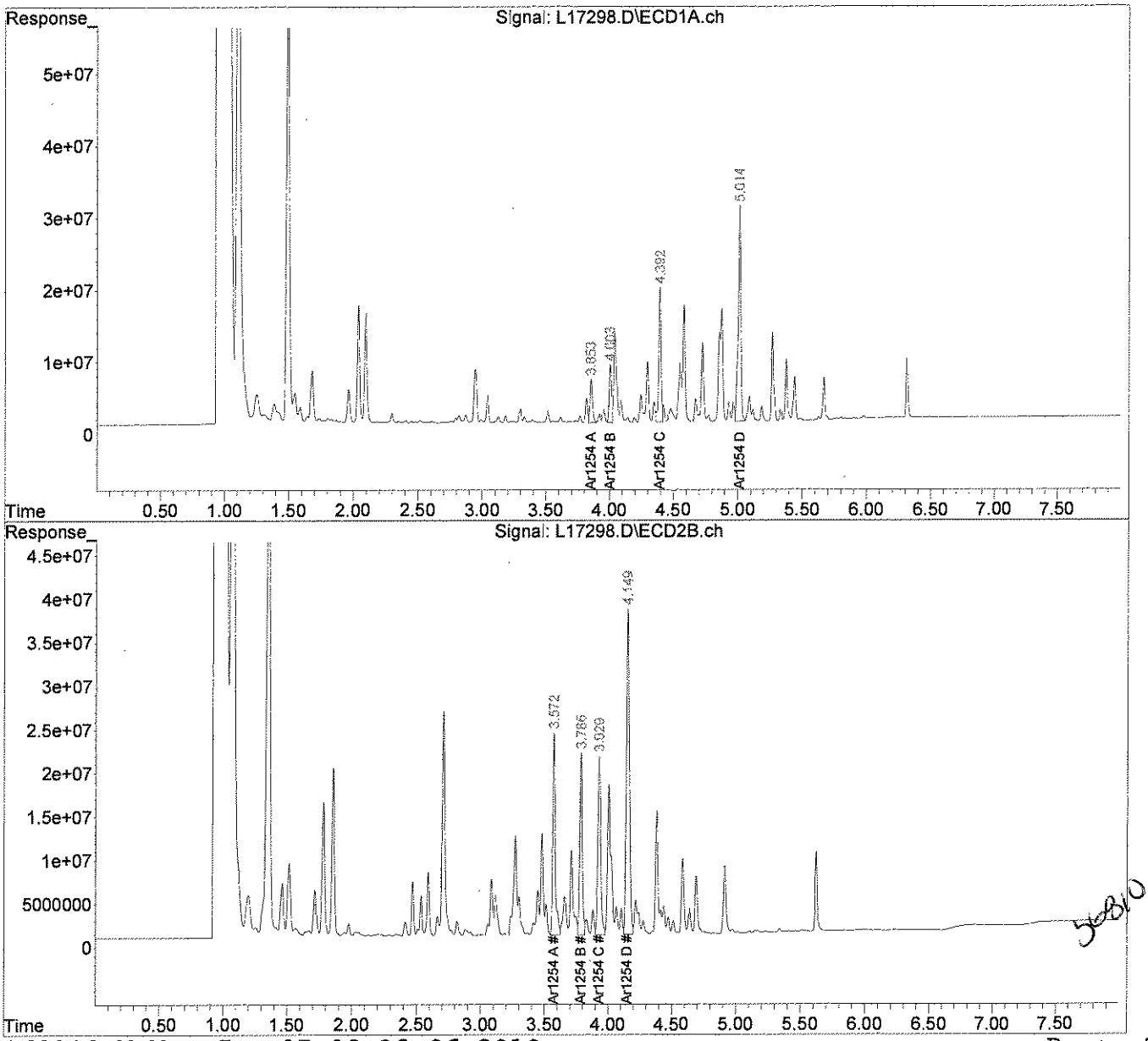
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 8:58 pm
Operator : JK
Sample : 66799-6,1:2,,A/C
Misc : SOIL
ALS Vial : 32 Sample Multiplier: 1

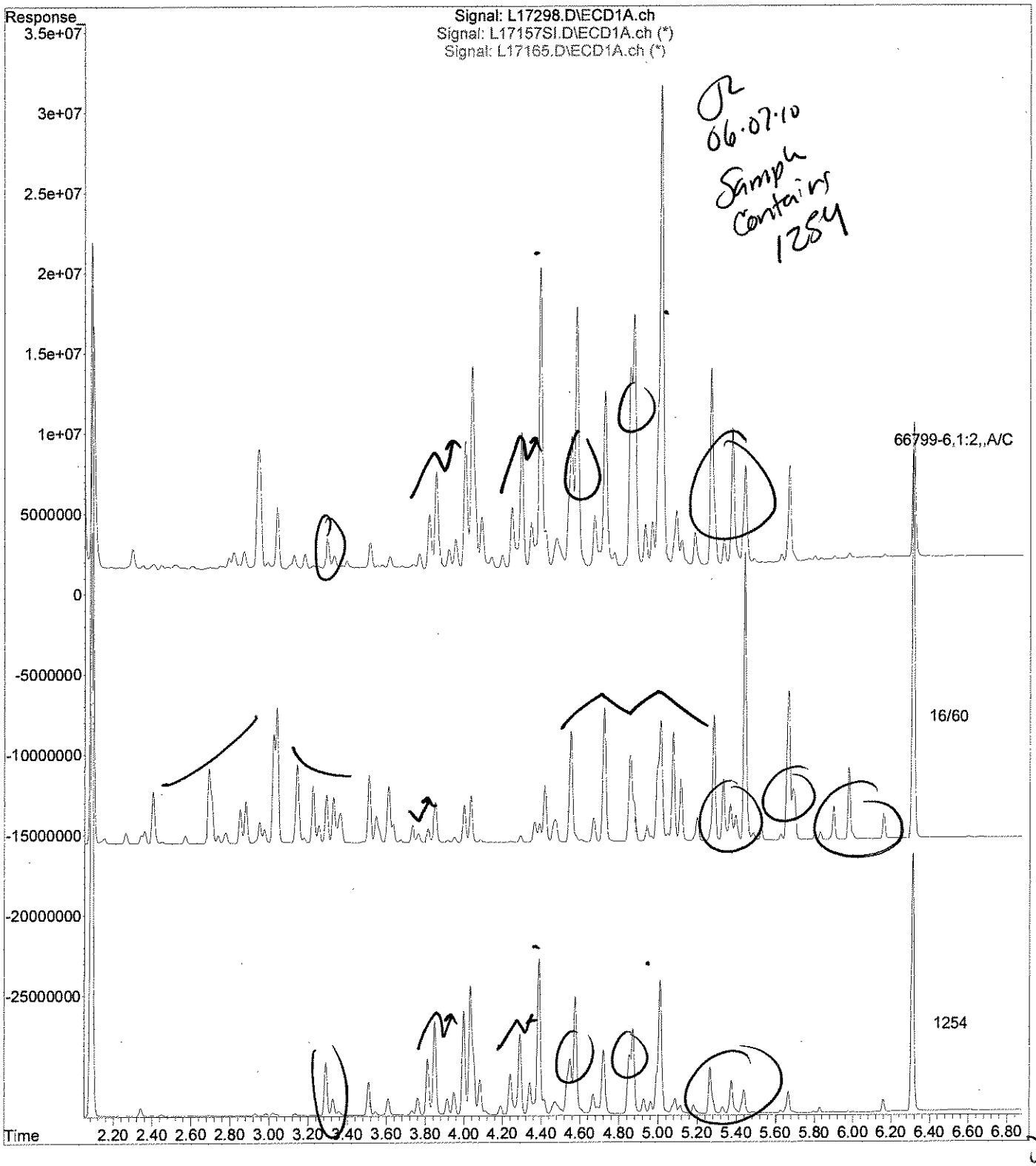
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:06 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 06.07.10



```
File        :C:\msdchem\1\DATA\060310-L\L17298.D
Operator    : JK
Acquired    :  4 Jun 10    8:58 pm using AcqMethod PEST.M
Instrument :    Inst L
Sample Name: 66799-6,1:2,,A/C
Misc Info   : SOIL
Vial Number: 32
```



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-046

SAMPLE DATA

Lab Sample ID: 66799-7
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

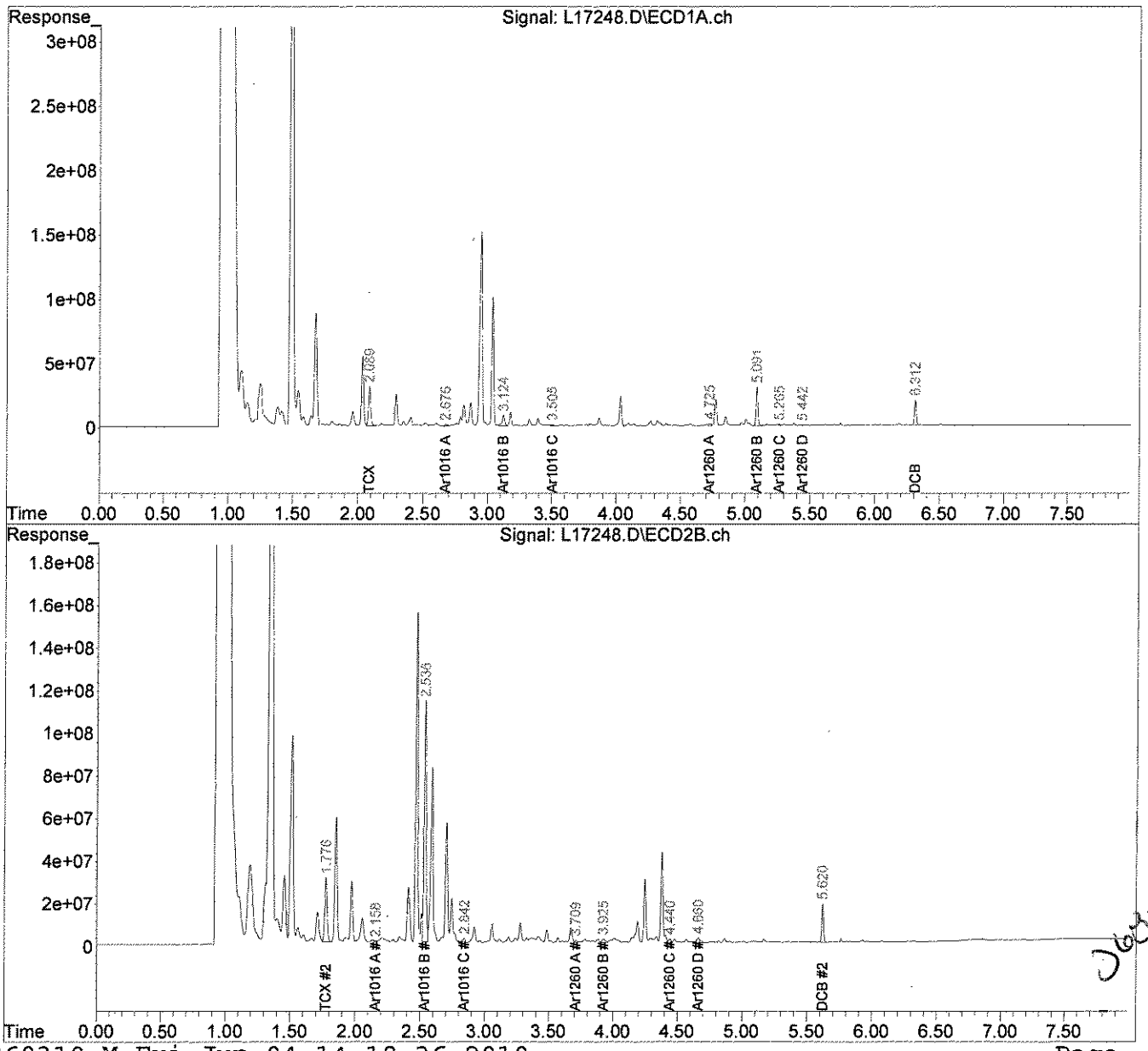
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 10:37 am
Operator : JK
Sample : 66799-7,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:36 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JJ 06.04.10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um



JJ 06.04.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-047

SAMPLE DATA

Lab Sample ID: 66799-8
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.8
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	59	U
PCB-1221	59	U
PCB-1232	59	U
PCB-1242	59	U
PCB-1248	59	U
PCB-1254	59	U
PCB-1260	59	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

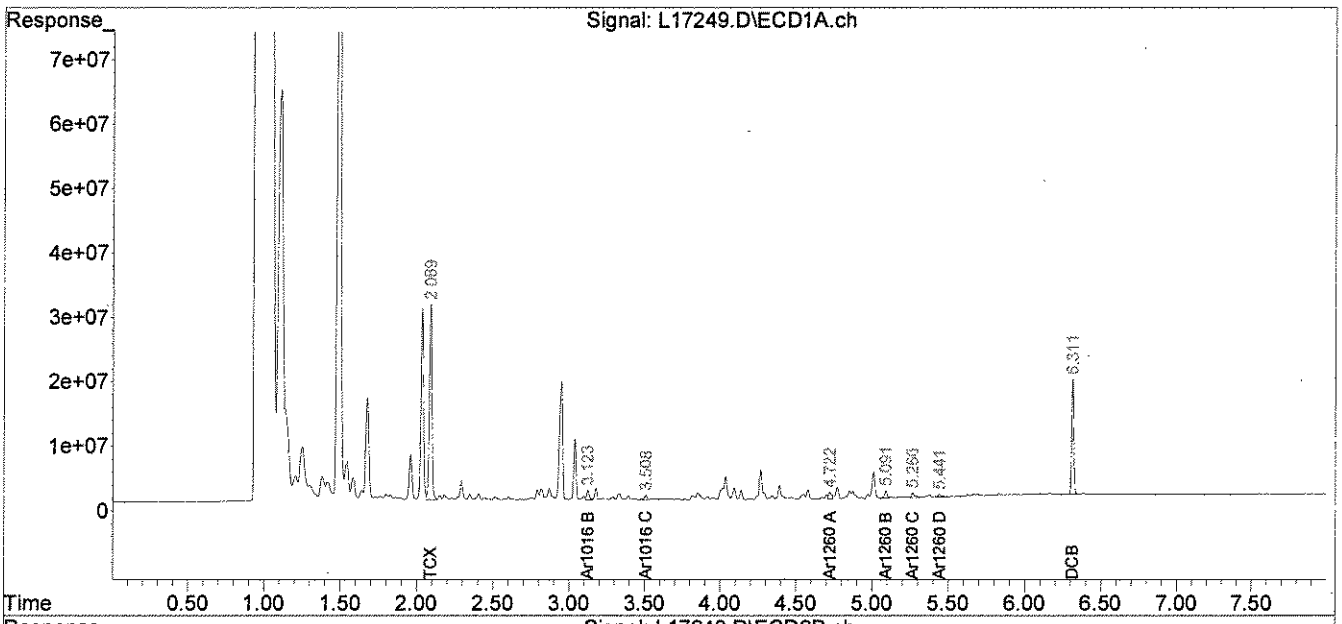
Quantitation Report (Not Reviewed)

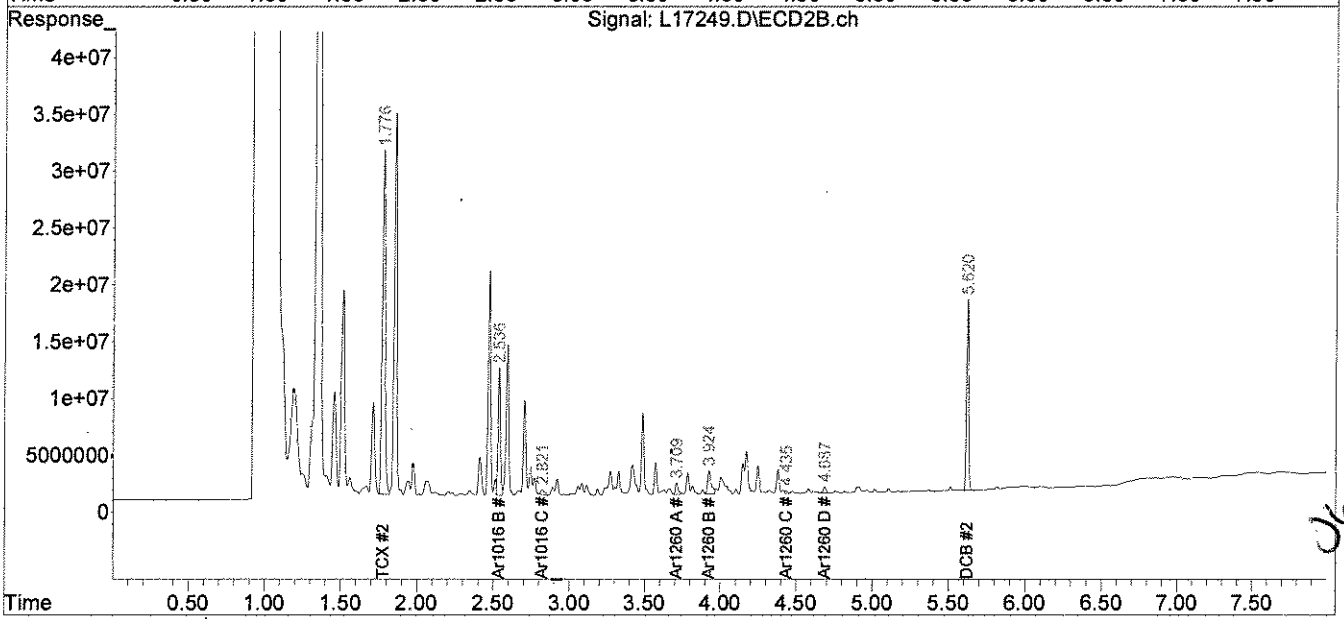
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 10:47 am
Operator : JK
Sample : 66799-8,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:38 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 06/04/10

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um





JR 06/04/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 4, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBL-049

SAMPLE DATA

Lab Sample ID: 66799-9
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.1
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

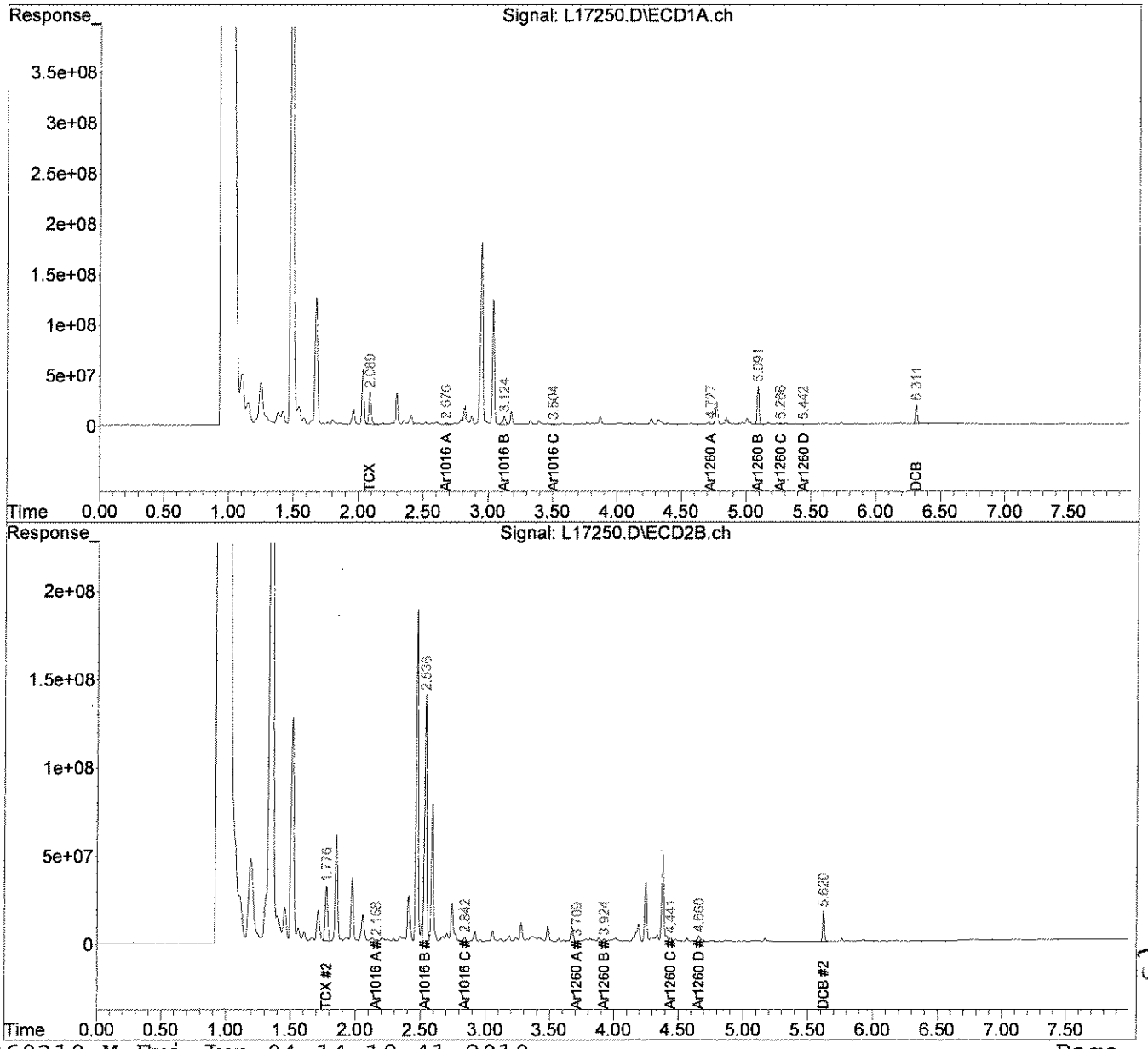
Authorized signature

Quantitation Report (Not Reviewed)

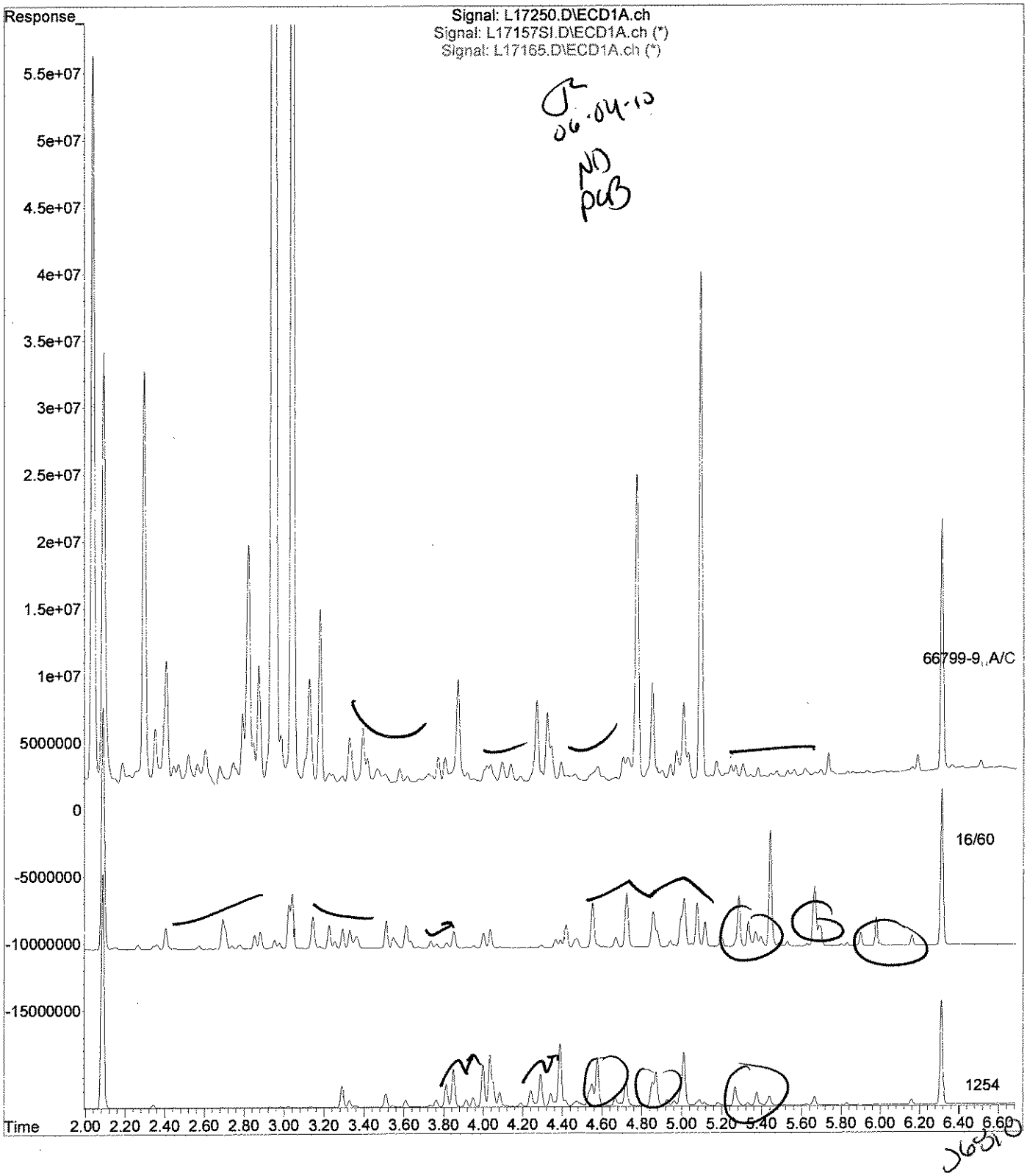
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 10:58 am
Operator : JK
Sample : 66799-9,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:18:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB060310.M
Quant Title : SW-846 8082 /EPA 608 Aroclor 1016/1260
QLast Update : Thu Jun 03 13:34:06 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 ul
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPEstides
Signal #1 Info : 30m x0.25 mm x 0. Signal #2 Info : 30m x0.25 mm, 0.25um



File :C:\msdchem\1\DATA\060310-L\L17250.D
Operator : JK
Acquired : 4 Jun 10 10:58 am using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-9,,A/C
Misc Info : SOIL
Vial Number: 18



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-042

SAMPLE DATA

Lab Sample ID: 66799-10
Matrix: Solid
Percent Solid: 51
Dilution Factor: 10
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**4900**
PCB-1260	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-10,1:5,,A/C
Data File: L17299.D
Dilution Factor: 9.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	3663	4897	28.8	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

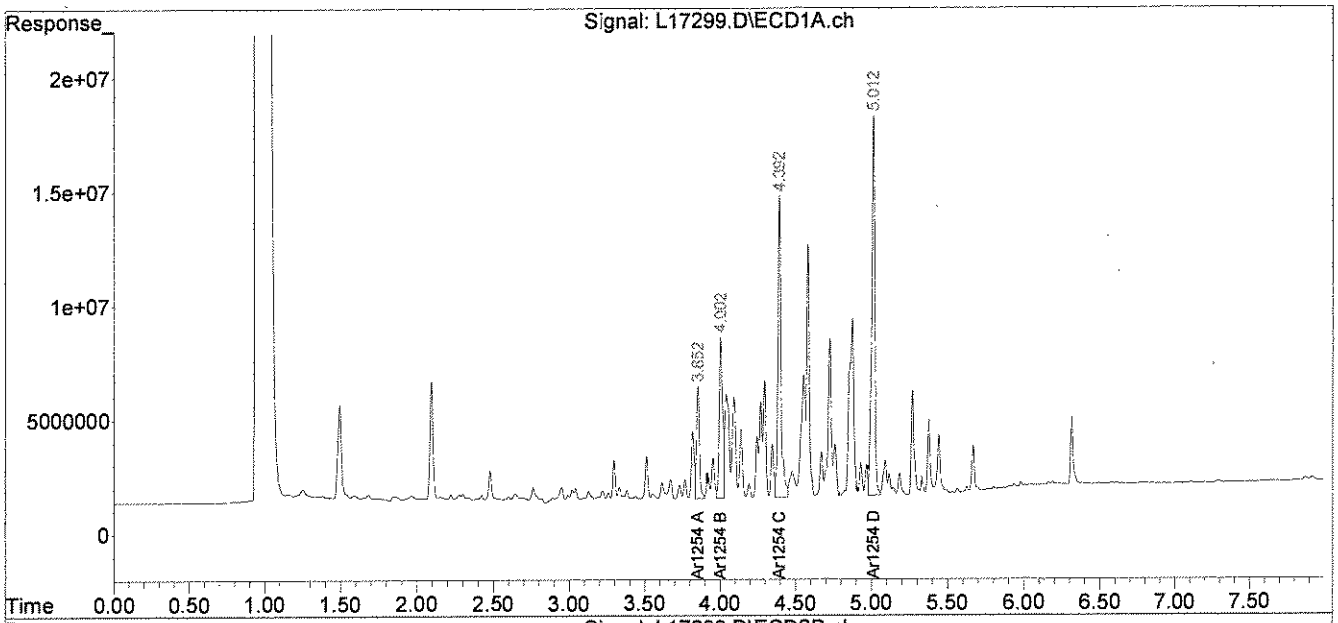
Quantitation Report (Not Reviewed)

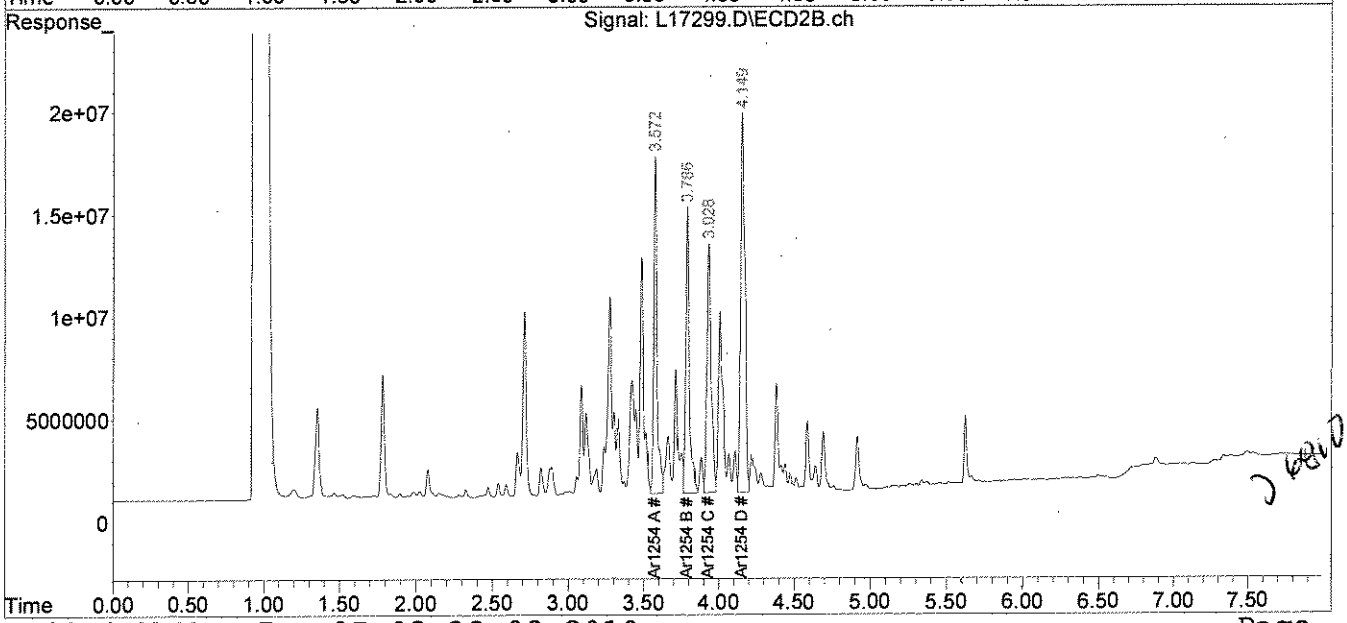
Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 9:09 pm
Operator : JK
Sample : 66799-10,1:5,,A/C
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:08 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

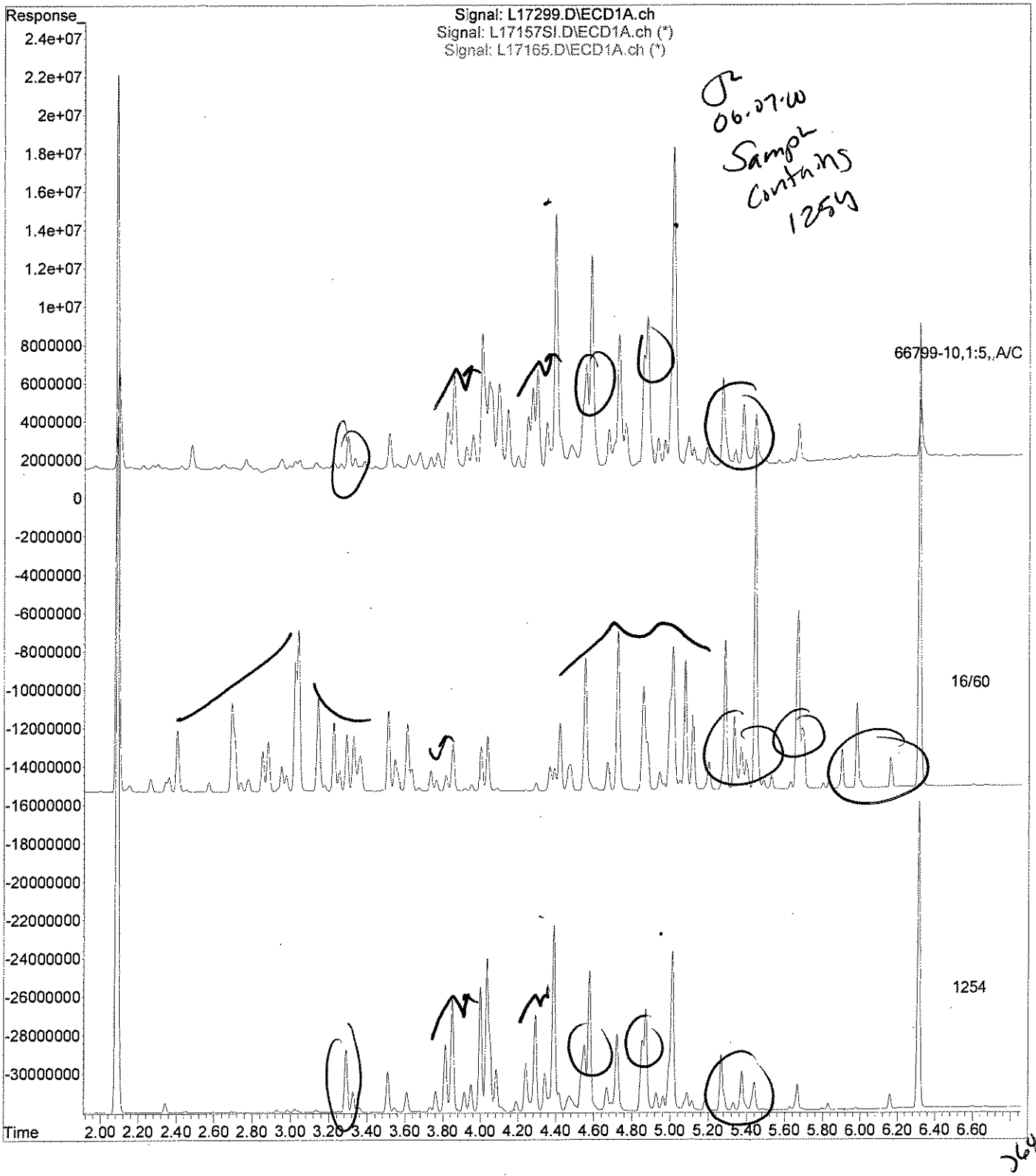
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

06.07.10





File :C:\msdchem\1\DATA\060310-L\L17299.D
Operator : JK
Acquired : 4 Jun 10 9:09 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-10,1:5,,A/C
Misc Info : SOIL
Vial Number: 33



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-045

SAMPLE DATA

Lab Sample ID: 66799-11
Matrix: Solid
Percent Solid: 74
Dilution Factor: 25
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	830	U
PCB-1221	830	U
PCB-1232	830	U
PCB-1242	830	U
PCB-1248	830	U
PCB-1254	830	**16800**
PCB-1260	830	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799
Sample: 66799-11,1:20,,A/C
Data File: L17300.D
Dilution Factor: 24.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	12901	16832	26.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

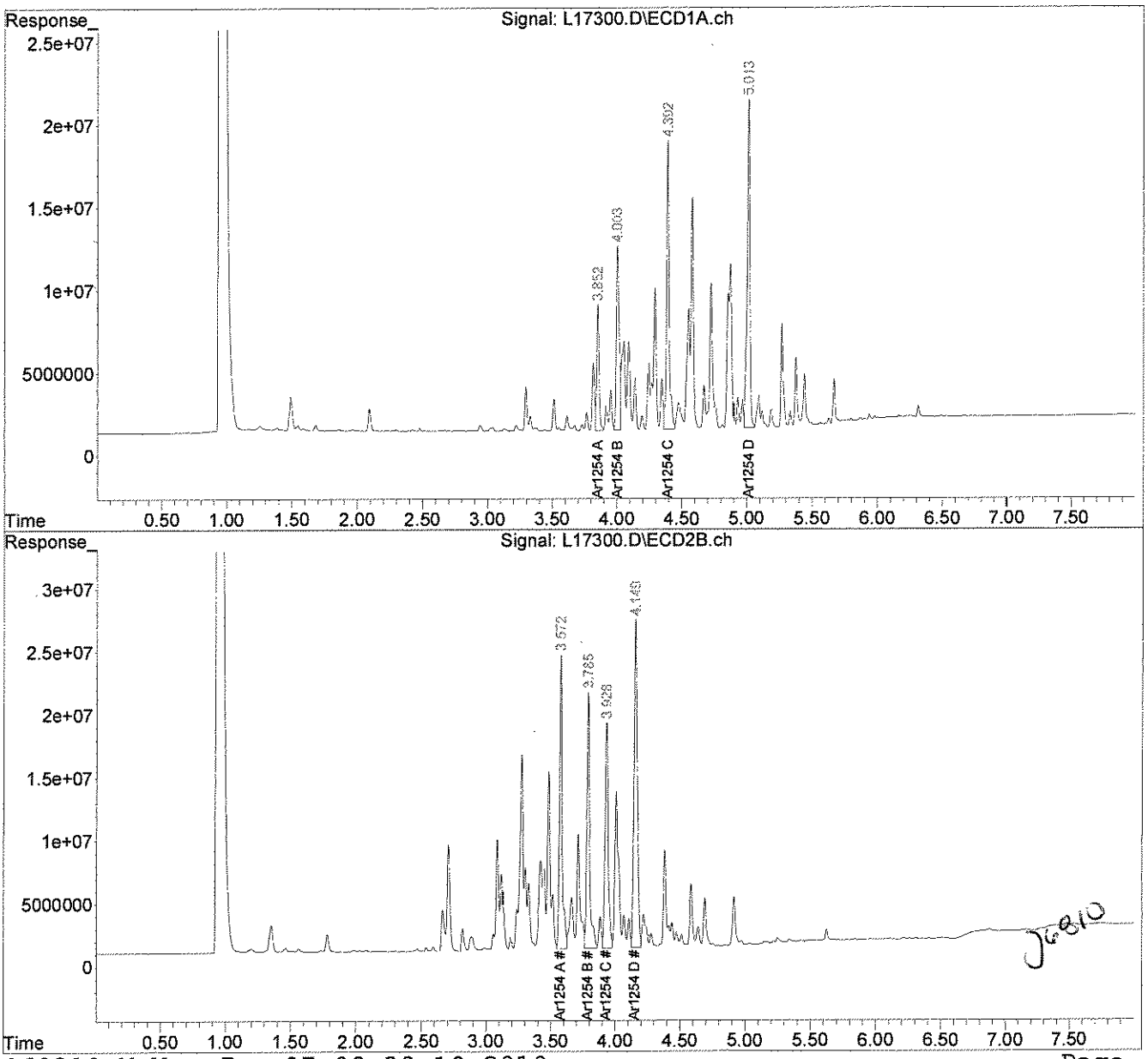
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\060310-L\
Data File : L17300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 4 Jun 10 9:19 pm
Operator : JK
Sample : 66799-11,1:20,,A/C
Misc : SOIL
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 07 08:38:10 2010
Quant Method : C:\msdchem\1\METHODS\54SP060310.M
Quant Title :
QLast Update : Thu Jun 03 15:56:13 2010
Response via : Initial Calibration
Integrator: ChemStation

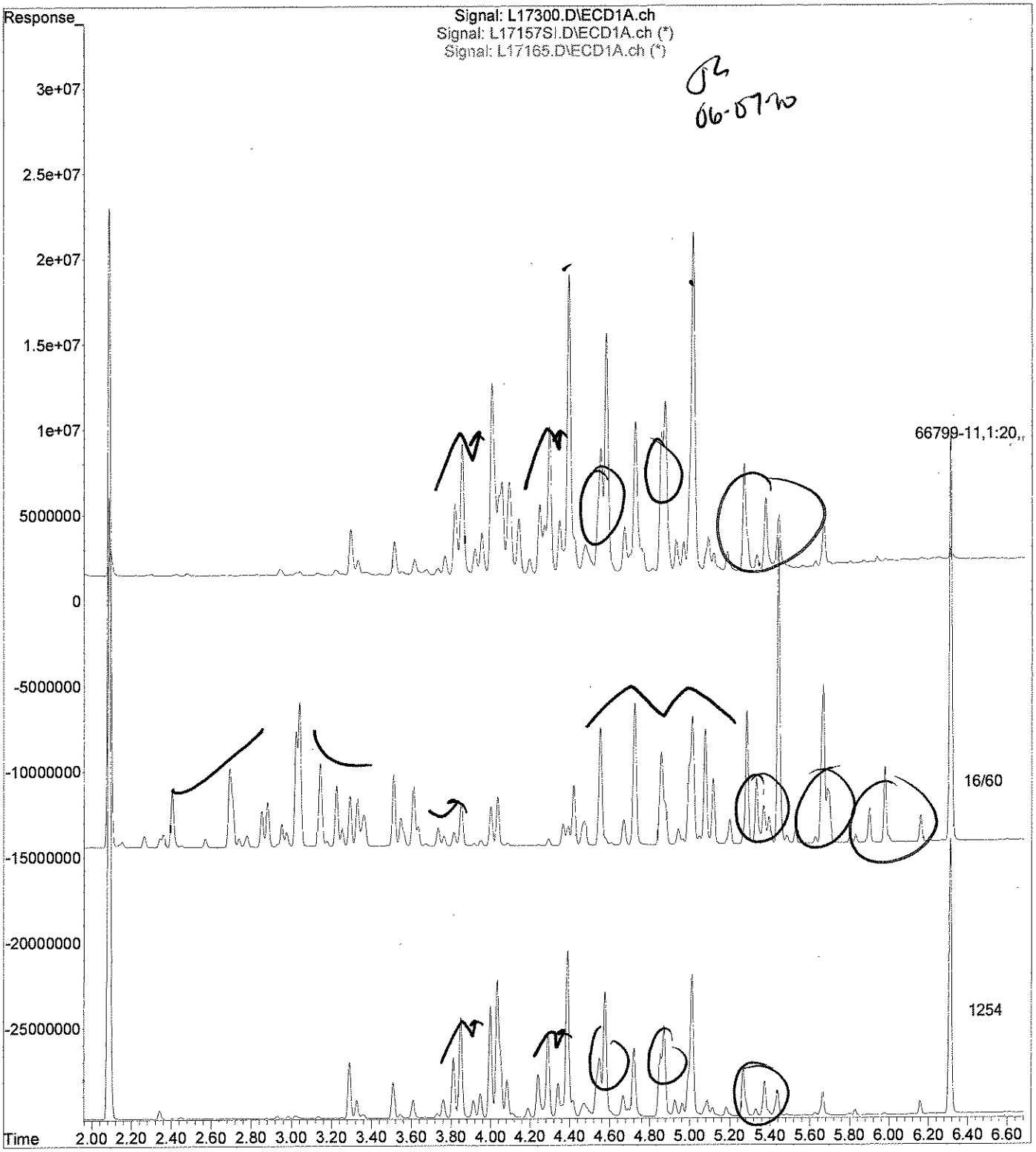
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

JL 06-07-10



JL 6-8-10

File :C:\msdchem\1\DATA\060310-L\L17300.D
Operator : JK
Acquired : 4 Jun 10 9:19 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-11,1:20,,A/C
Misc Info : SOIL
Vial Number: 34



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

June 7, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-048

SAMPLE DATA

Lab Sample ID: 66799-12
Matrix: Solid
Percent Solid: 68
Dilution Factor: 7
Collection Date: 05/27/10
Lab Receipt Date: 05/28/10
Extraction Date: 06/01/10
Analysis Date: 06/04/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	230	U
PCB-1221	230	U
PCB-1232	230	U
PCB-1242	230	U
PCB-1248	230	U
PCB-1254	230	**3660**
PCB-1260	230	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	126	%
Decachlorobiphenyl	107	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: L
SDG: 66799

GC Column #1: STX-CLPesticides I
Sample: 66799-12,1:5,,A/C

Column ID: 0.25 mm
Data File: L17301.D

GC Column #2: STX-CLPesticides II
Dilution Factor: 7.1

Column ID: 0.25 mm

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2584	3664	34.6	

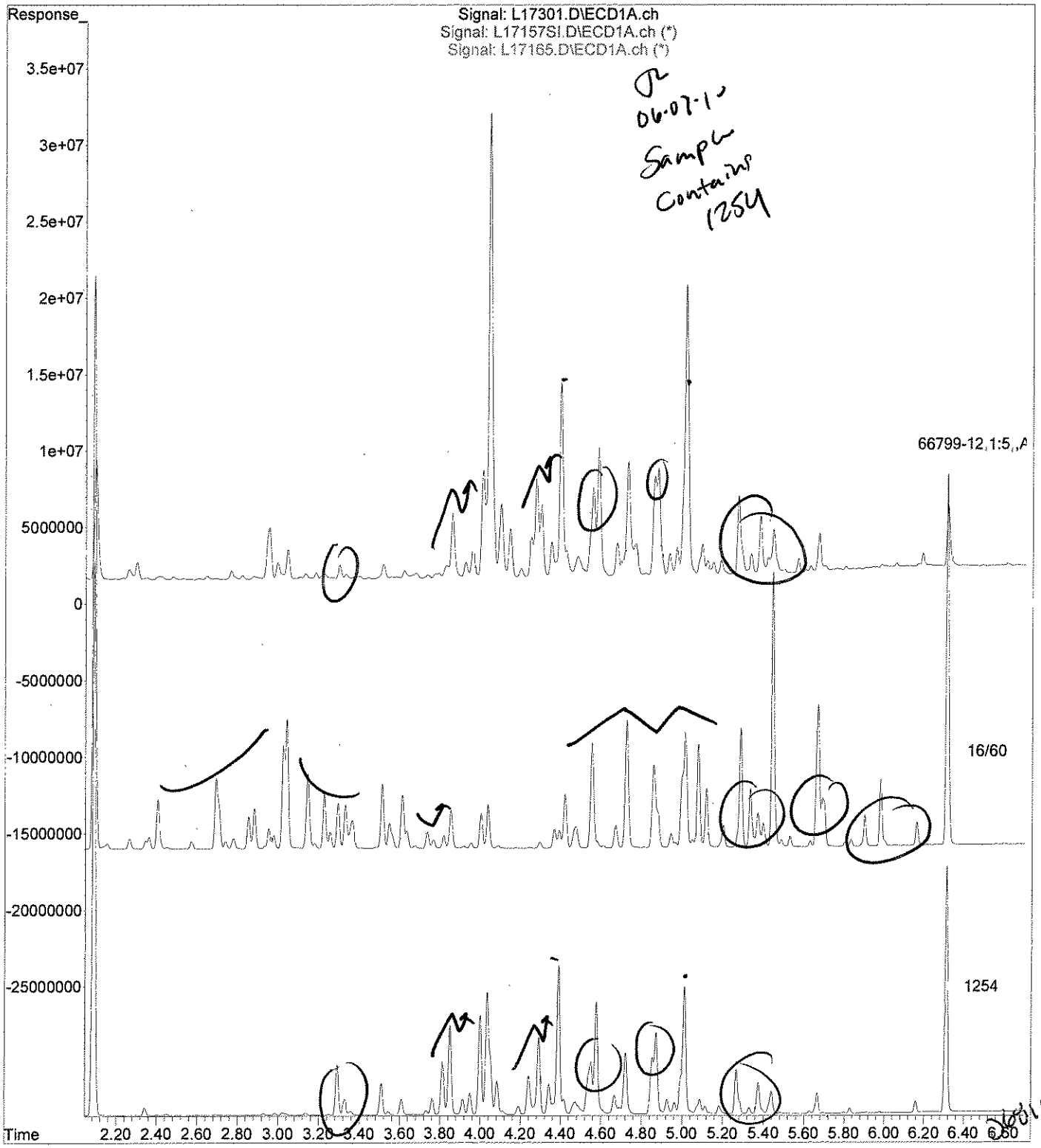
Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

File :C:\msdchem\1\DATA\060310-L\L17301.D
Operator : JK
Acquired : 4 Jun 10 9:29 pm using AcqMethod PEST.M
Instrument : Inst L
Sample Name: 66799-12,1:5,,A/C
Misc Info : SOIL
Vial Number: 35



analytics environmental laboratory LLC

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I SDG:
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC I (%)	#	SMC 2 (%)	#
B060110PSOX2,,A/C	98		88		90		79	
L060110PSOX2,,A/C	95		89		90		80	
LD060110PSOX2,,A/C	95		89		90		78	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060110PSOX2,,A/C	100		83		94		75	
66799-2,,A/C	73		64		75		60	
66799-5,,A/C	97		71		93		64	
66799-7,,A/C	89		78		85		70	
66799-8,,A/C	87		74		87		66	
66799-9,,A/C	97		79		87		67	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: L
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 66799

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B060110PSOX,,A/CRR	100		76		96		94	
66799-1,1:10,,A/C	111		89		89		81	
66799-3,1:5,,A/C	94		81		86		85	
66799-4,1:200,,A/C	D		D		D		D	
66799-6,1:2,,A/C	98		76		94		87	
66799-10,1:5,,A/C	96		80		91		72	
66799-11,1:20,,A/C	D		D		D		D	
66799-12,1:5,,A/C	130		100		126		107	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: L

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 66799

Non-spiked sample: B060110PSOX2,,A/C

Spike: L060110PSOX2,,A/C

Spike duplicate: LD060110PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	188	94		193	97		2.7	
PCB 1260	200	200	60	130	30	0	214	107		214	107		0.2	
PCB 1016 #2	200	200	65	140	30	0	180	90		182	91		0.9	
PCB 1260 #2	200	200	60	130	30	0	189	95		193	96		1.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 223358 Proj. Name: Wellesley College

Company: Woodard &Curran

Contact: Amy Wallace

Address: 35 New England Business Center Suite 180
Andover, MA 01810

Phone: (978)557-8150 PO# Quote #

Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
SDV-CBL-040	5/27/10	1230	PCB		X						Stone	1	G		66799- 1
SDV-CBL-041		1233													2
SDV-CBL-050		1255													3
SDV-CBL-043		1236													4
SDV-CBL-044		1239													5
SDV-CBL-051		1258													6
SDV-CBL-046		1245													7
SDV-CBL-047		1248													8
SDV-CBL-049		1250													9
SDV-CBS-042		1234									Soil				10
SDV-CBS-045		1241									Soil				11

Comments / Instructions:
SOxhlet/8082

Email Results to:
awallace@woodardcurran.com
jhamel

Turnaround Time (TAT)
Thu 6/3
☐ 24hr* ☐ 48hr*
☒ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☒ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: PDF

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.5°C
3) Received in good condition Y or N
4) pH checked by: NC
5) Labels checked by: 5/28/10

	Received By:	Time:	Date:
Relinquished By Sampler:	Cold Storage	6:25	5/28/10
Relinquished By:		1420	5/28/10
Relinquished By:			

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 4.5°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: 6/1/10

Project#: 8233581 Proj. Name: Wellesley College
Company: W+C
Contact: Amy Wallace
Address:
Phone: PO# Quote #
Sampler (Signature): amy wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
X = Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Containr number/typ		pH	Analytics Sample #
SDV-CBS-048	5/27	1249	PCB		X						Soil	1	G		66799-12

Received By: Cold Storage Time: 635 Date: 5/28/10
Received By: Time: 1420 Date: 5/28/10
Received By: Time: Date:

Amy Wa 5/28/10

Email Results to:

Comments / Instructions:

Project Requirements:

Report Type
- MCP Level II
- CTRC Level III
- DOD Level IV
- Standard

*Fee may apply

State:
- NH
- MA
- ME
- CT
- RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type:

Page 2 of 2

Turnaround Request
Standard Due Date
Priority Due Date
Lab Approval Required

Amy Wa Cold Storage

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 66799 | COOLER NUMBER: NA

CLIENT: WOODARD | NUMBER OF COOLERS: 1

PROJECT: 223358 | DATE RECEIVED: 5-28-10

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 5-28-10

1. Cooler received by(initials): DM | Date Received: 5-28-10

2. Circle one: (Hand delivered) Shipped
(If so, skip 3)

3. Did cooler come with a shipping slip? Y (N)

3a. Enter carrier name and airbill number here: ———

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N(A)

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)? (Y) N

8. Were custody papers sealed in a plastic bag? Y (N)

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 4.5°C

B. Log-In: Date samples were logged in: 5-28-10 By: DM

12. Type of packing in cooler(bubble wrap, popcorn) Y (N)

13. Were all bottles sealed in separate plastic bags? Y (N)

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? Y (N/A)

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (N/A)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): AP 5/28/10 Date: 5/28/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 6, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67091
Wellesley College #223358

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

All samples were reported at elevated quantitation limits due to sample matrix or the amount of PCBs detected in the samples.

Sample 67091-7 had high surrogate recoveries. The sample was injected previously with similar results. No PCBs were detected in the sample and results were reported with a comment to this affect.

The closing continuing calibration standard (file# M27207SC) had low recovery for PCB 1260 (74%%) on column #1. Column #had low recovery for Decachlorobiphenyl (72%). The standard was reanalyzed (file# M27208SC) with all analytes in control on column#1 and similar results on column#2. Results were reported without qualification.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67091

Revision: Rev. 0

Re: Wellesley College (Project No: 223358)

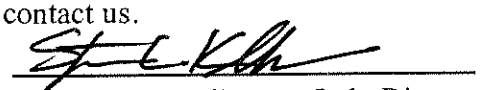
Enclosed are the results of the analyses on your sample(s). Samples were received on 28 June 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67091-1	06/25/10	SDV-CBS-053	EPA 8082 (PCBs only)	
67091-2	06/25/10	SDV-CBS-054	EPA 8082 (PCBs only)	
67091-3	06/25/10	SDV-CBS-055	EPA 8082 (PCBs only)	
67091-4	06/25/10	SDV-CBS-056	EPA 8082 (PCBs only)	
67091-5	06/25/10	SDV-CBS-057	EPA 8082 (PCBs only)	
67091-6	06/25/10	SDV-CBSD-052	EPA 8082 (PCBs only)	
67091-7	06/25/10	SDV-CBS-058	EPA 8082 (PCBs only)	
67091-8	06/25/10	SDV-CBS-059	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature 

Stephen L. Knollmeyer Lab. Director

Date 7/6/2010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MassDEP Analytical Protocal Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 67091

Project Location: Wellesley College RTN:

This Form provides certifications for the following data set: List Laboratory Sample ID Number(s):

67091-1 through 67091-8

Matrices: ☐ Groundwater/Surface Water ☒ Soil/Sediment ☐ Drinking Water ☐ Air ☐ Other

CAM Protocol (check all that apply below):

8260 VOC CAM II A ☐	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☒	9014 Total Cyanide/PAC CAM VI A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition conistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☒ Yes ☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☒ Yes ☐ No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard con-conformances?	☒ Yes ☐ No
D	Does the laboratory report comply with all reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No ☐ Yes ☐ No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☒ Yes ☐ No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

Data User Note: Data that achieve "Preseumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were ALL QC performance standards specified in the CAM protocol(s) achieved?	☐ Yes ☒ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, is accurate and complete.

Signature: _____ **Position:** Laboratory Director

Printed Name: Stephen Knollmeyer **Date:** July 06, 2010

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B062810PSOX2
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/28/10
Analysis Date: 06/29/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

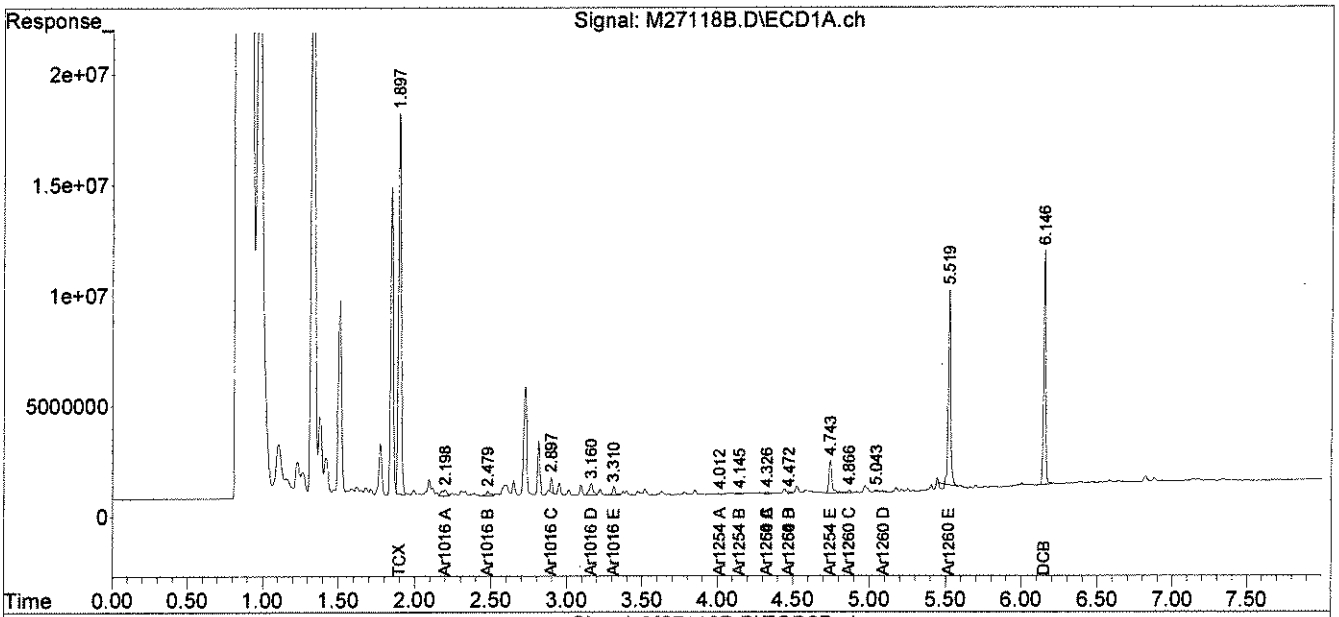
Authorized signature

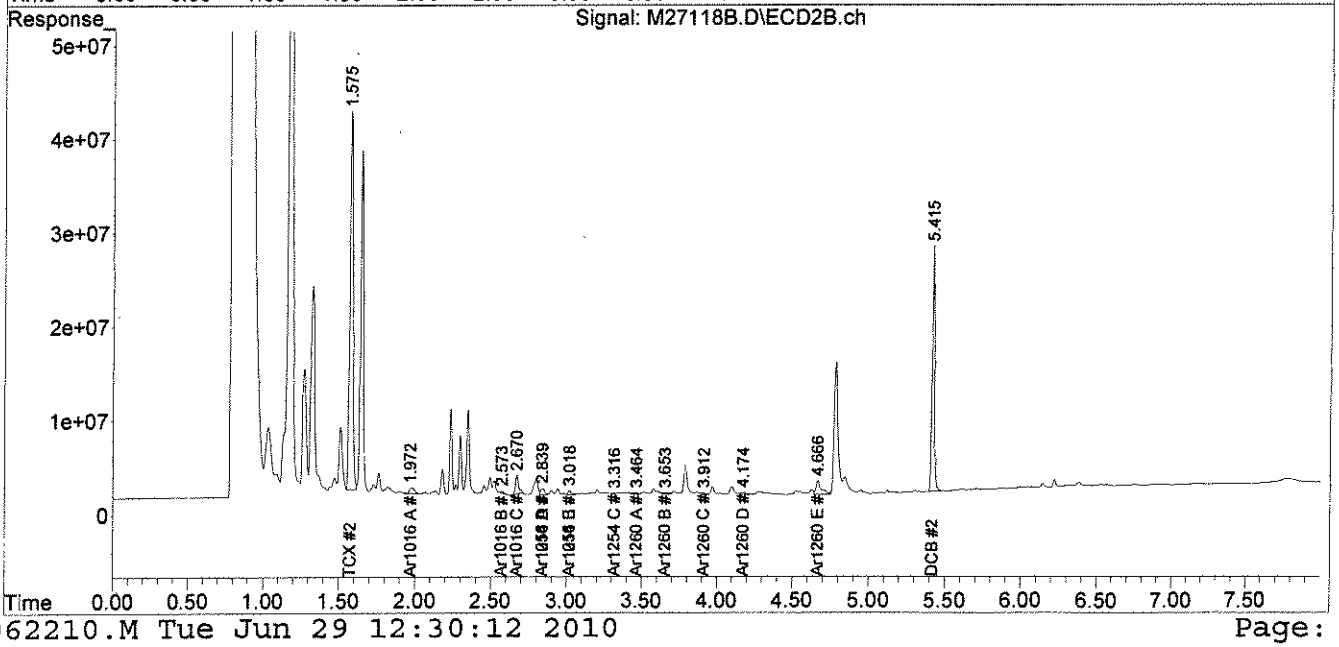
Data Path : C:\msdchem\1\DATA\062910-M\
Data File : M27118B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2010 11:30 am
Operator : JK
Sample : B062810PSOX2,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 29 12:30:04 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

06-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B062810PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	52	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

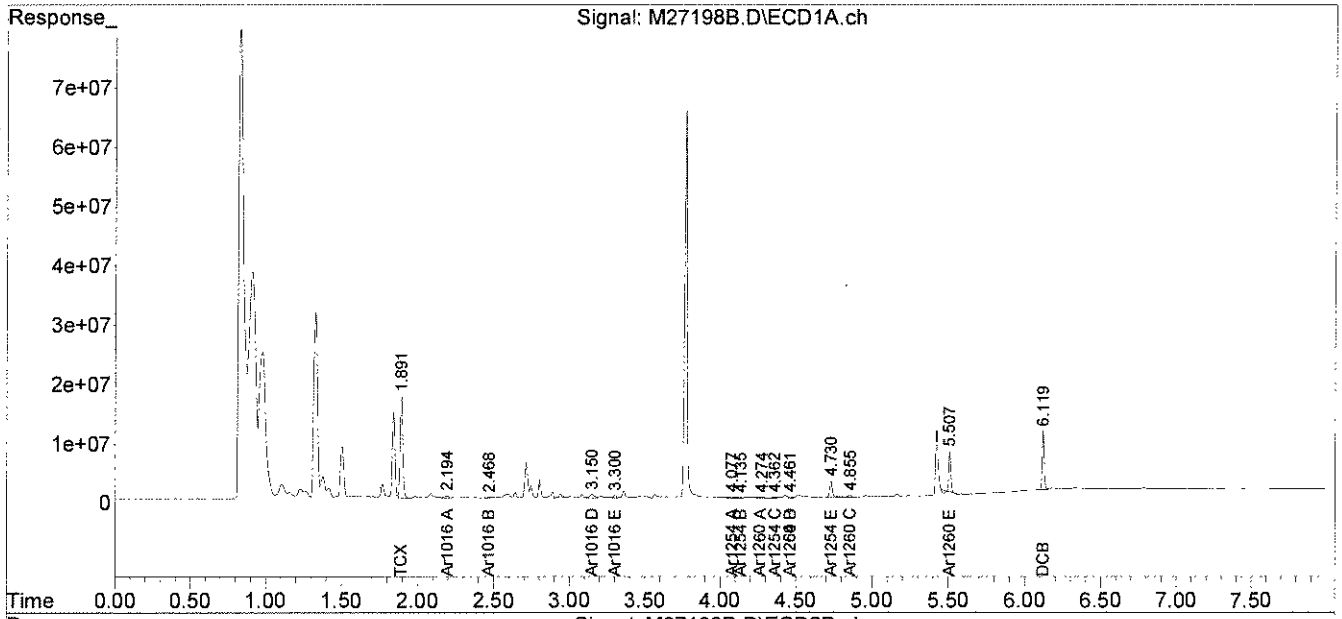
PCB EXT Report

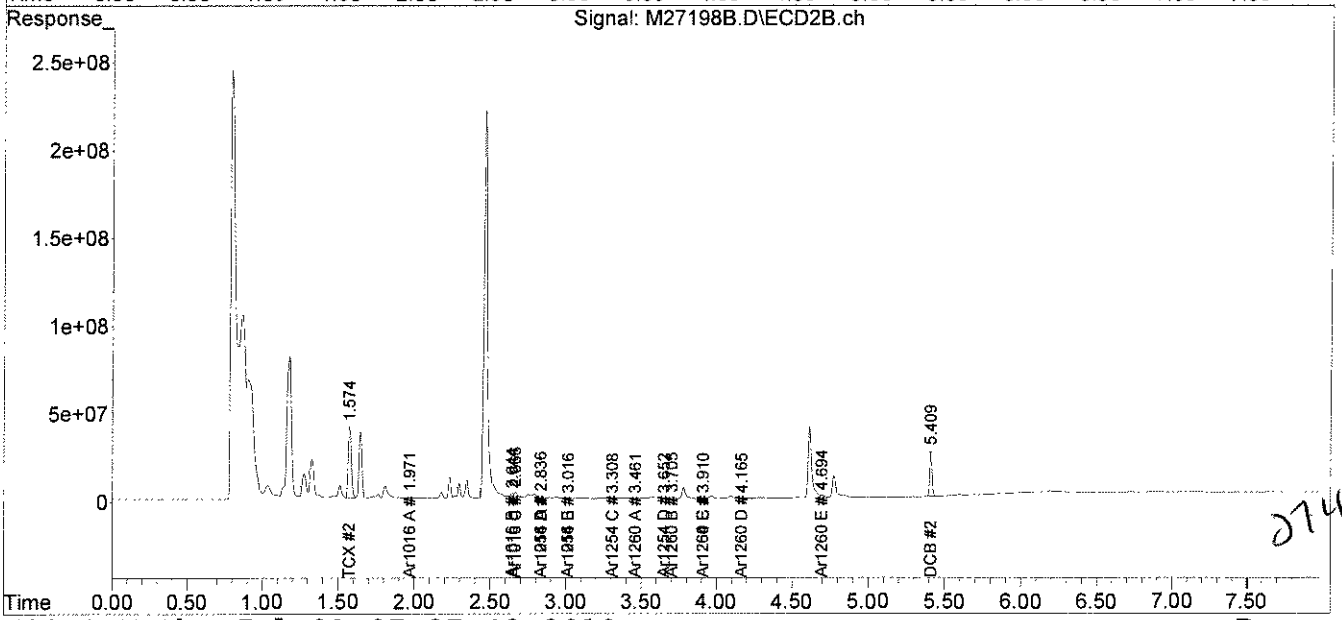
Authorized signature

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27198B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:05 pm
Operator : JK
Sample : B062810PSOX2,,A/C RR
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:27:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 15:04:58 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-053

SAMPLE DATA

Lab Sample ID: 67091-1
Matrix: Solid
Percent Solid: 71
Dilution Factor: 7
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	230	U
PCB-1221	230	U
PCB-1232	230	U
PCB-1242	230	U
PCB-1248	230	U
PCB-1254	230	U
PCB-1260	230	U
PCB-1262	230	U
PCB-1268	230	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	44	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

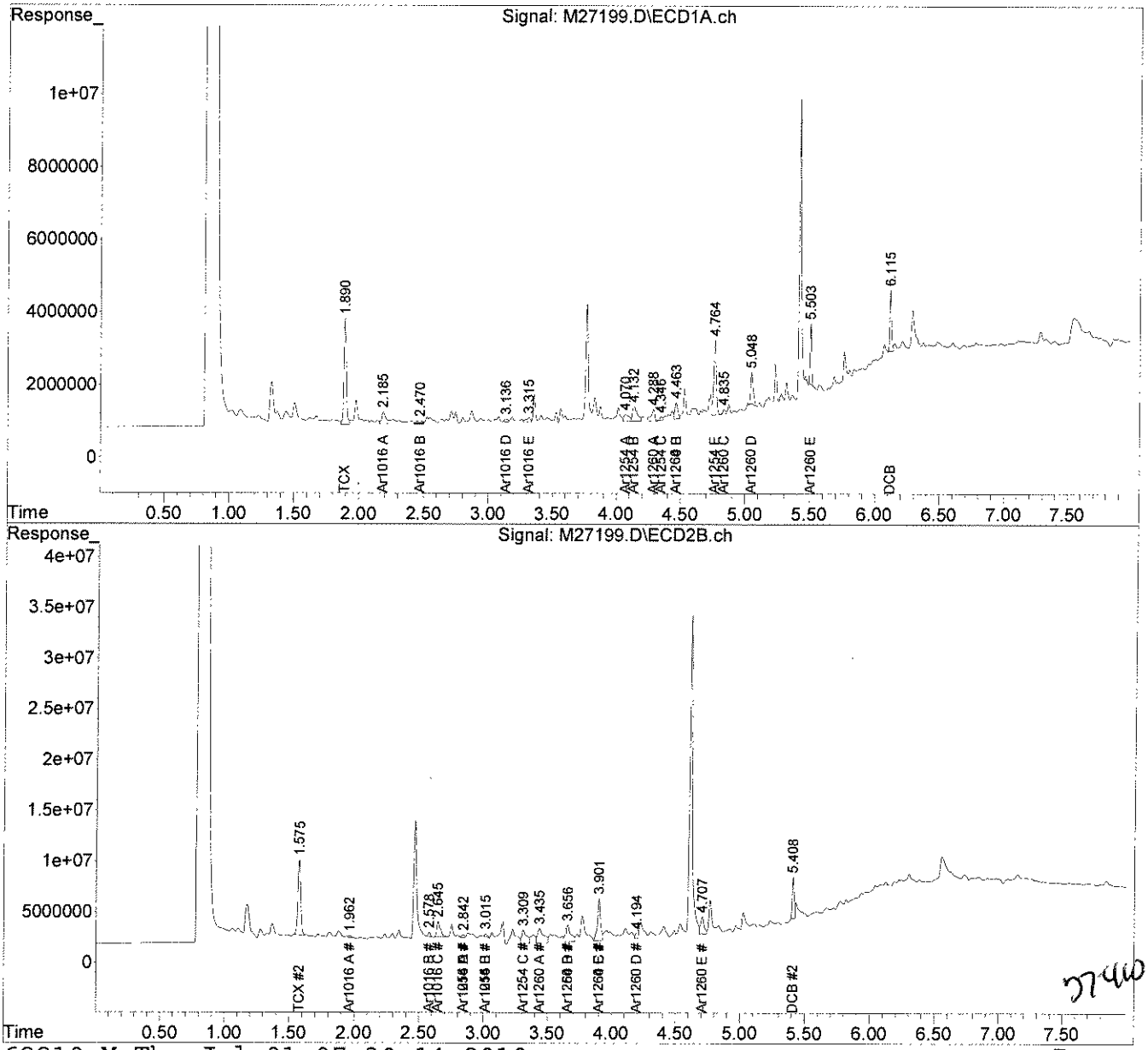
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:16 pm
Operator : JK
Sample : 67091-1,1:5,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:26:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

7-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



7440

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-054

SAMPLE DATA

Lab Sample ID: 67091-2
Matrix: Solid
Percent Solid: 82
Dilution Factor: 6
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**385**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091
Sample: 67091-2,1:5,,A/C
Data File: M27200.D
Dilution Factor: 5.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	385	294	26.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

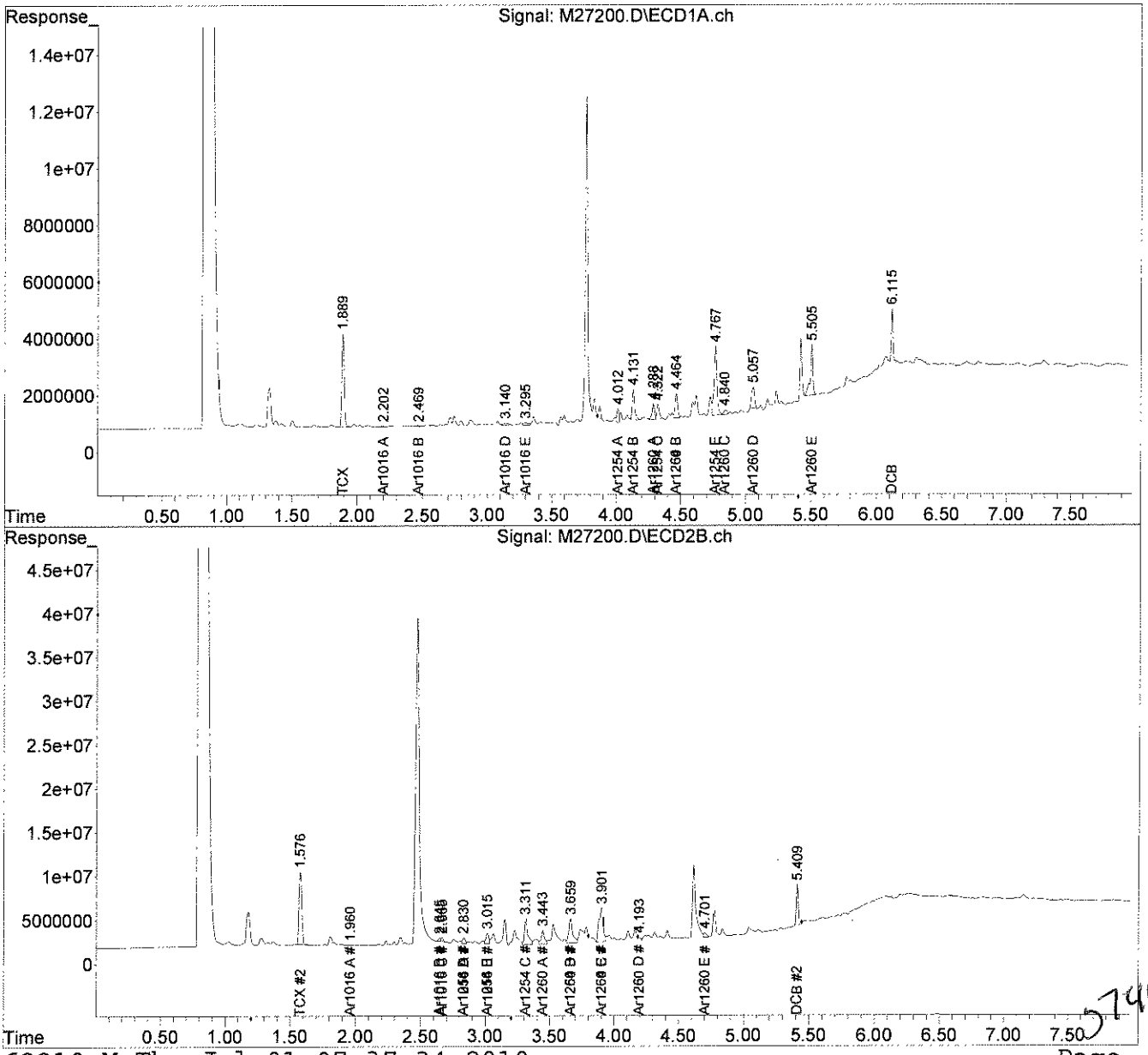
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:26 pm
Operator : JK
Sample : 67091-2,1:5,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:37:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

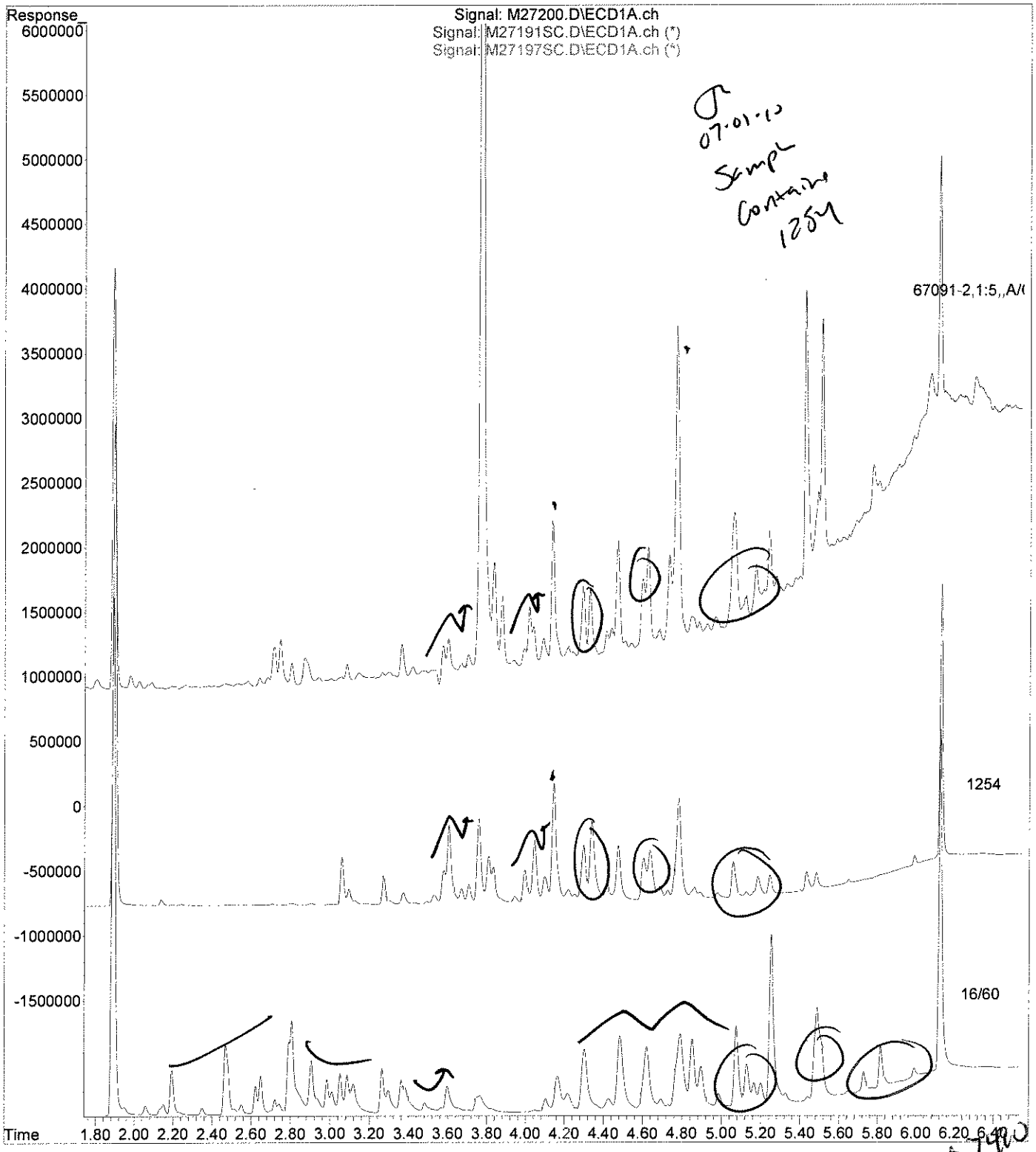
JR 07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



57410

File :C:\msdchem\1\DATA\063010-M\M27200.D
Operator : JK
Acquired : 30 Jun 2010 4:26 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67091-2,1:5,,A/C
Misc Info : SOIL
Vial Number: 13



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-055

SAMPLE DATA

Lab Sample ID: 67091-3
Matrix: Solid
Percent Solid: 84
Dilution Factor: 6
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**845**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	106	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091
Sample: 67091-3,1:5,,A/C
Data File: M27201.D
Dilution Factor: 5.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	845	809	4.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

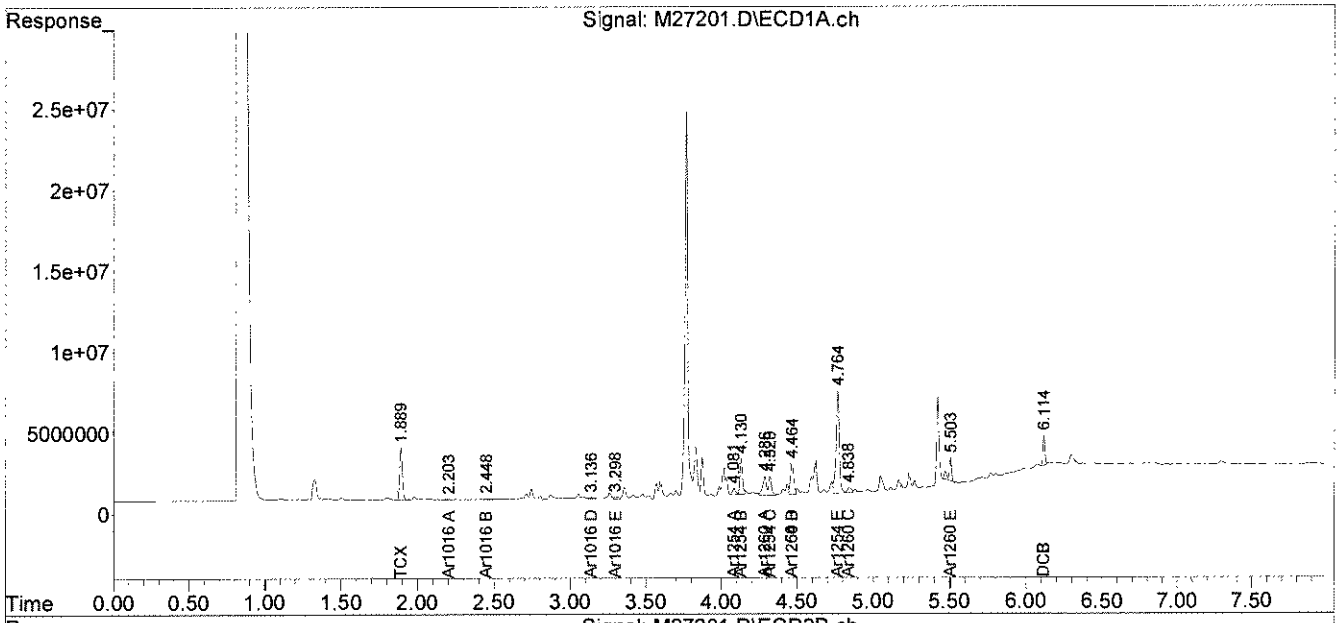
Quantitation Report (QT Reviewed)

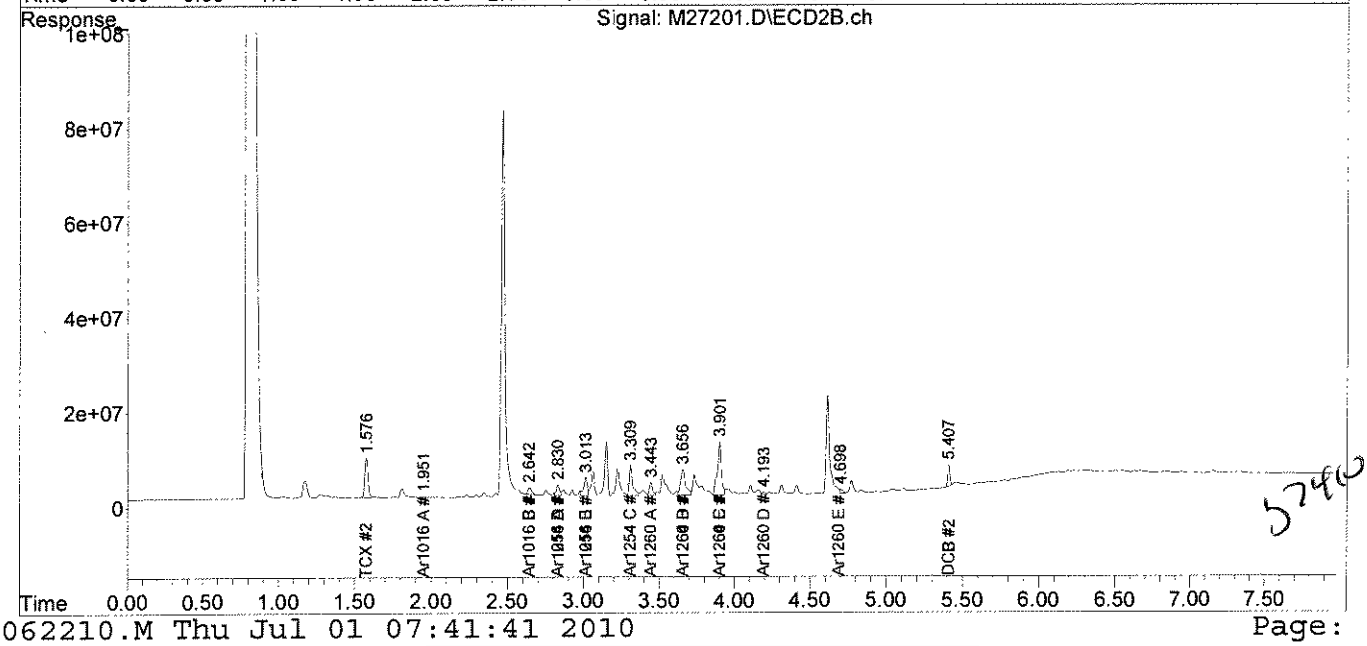
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:36 pm
Operator : JK
Sample : 67091-3,1:5,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:41:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5740

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-056

SAMPLE DATA

Lab Sample ID: 67091-4
Matrix: Solid
Percent Solid: 84
Dilution Factor: 6
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**518**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091
Sample: 67091-4,1:5,,A/C
Data File: M27202.D
Dilution Factor: 5.5

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	518	468	10.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

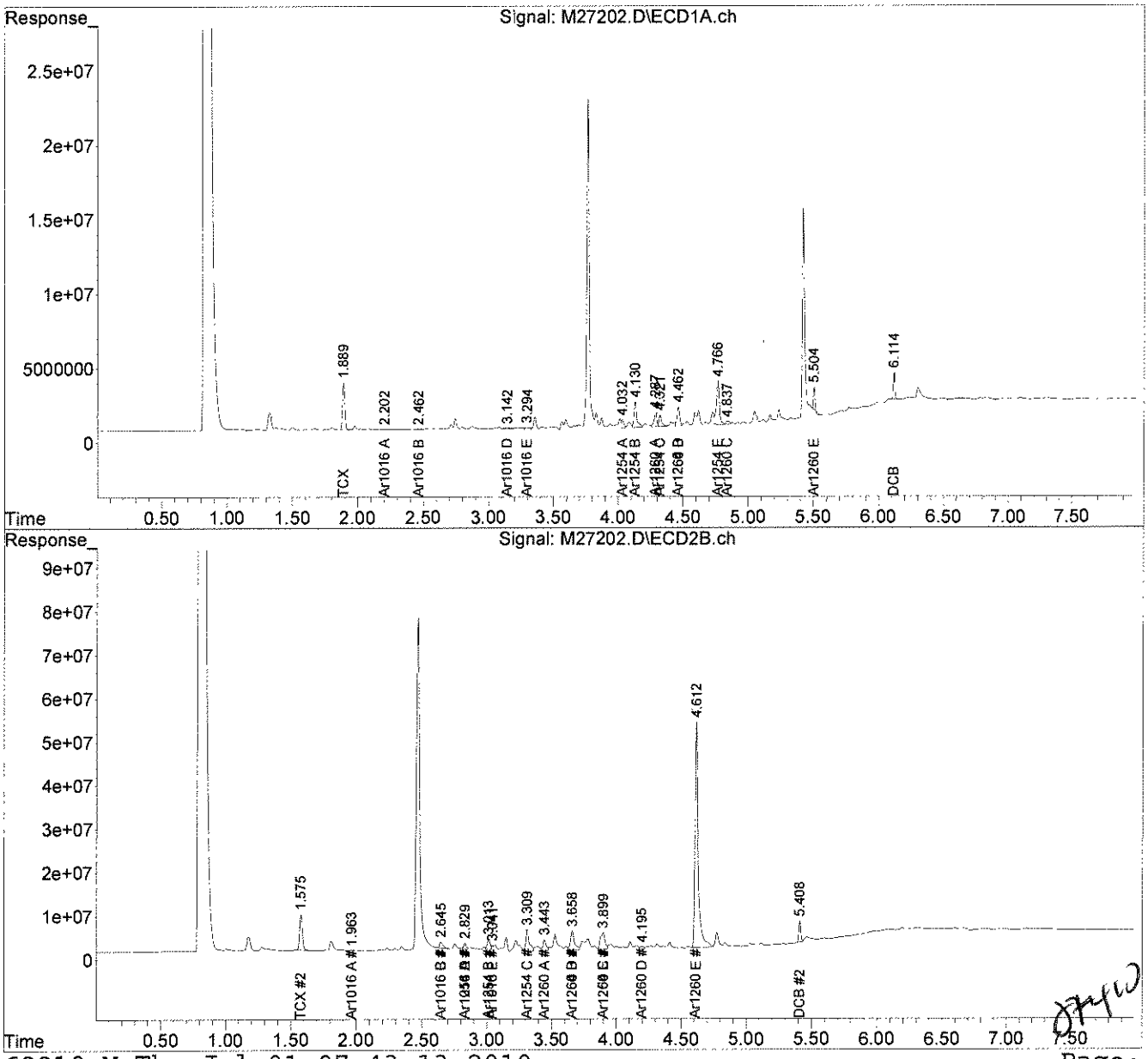
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:46 pm
Operator : JK
Sample : 67091-4,1:5,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:42:59 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-057

SAMPLE DATA

Lab Sample ID: 67091-5
Matrix: Solid
Percent Solid: 80
Dilution Factor: 6
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**2850**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091
Sample: 67091-5,1:5,,A/C
Data File: M27203.D
Dilution Factor: 5.8

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2850	2128	29.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

PCB FORM 10

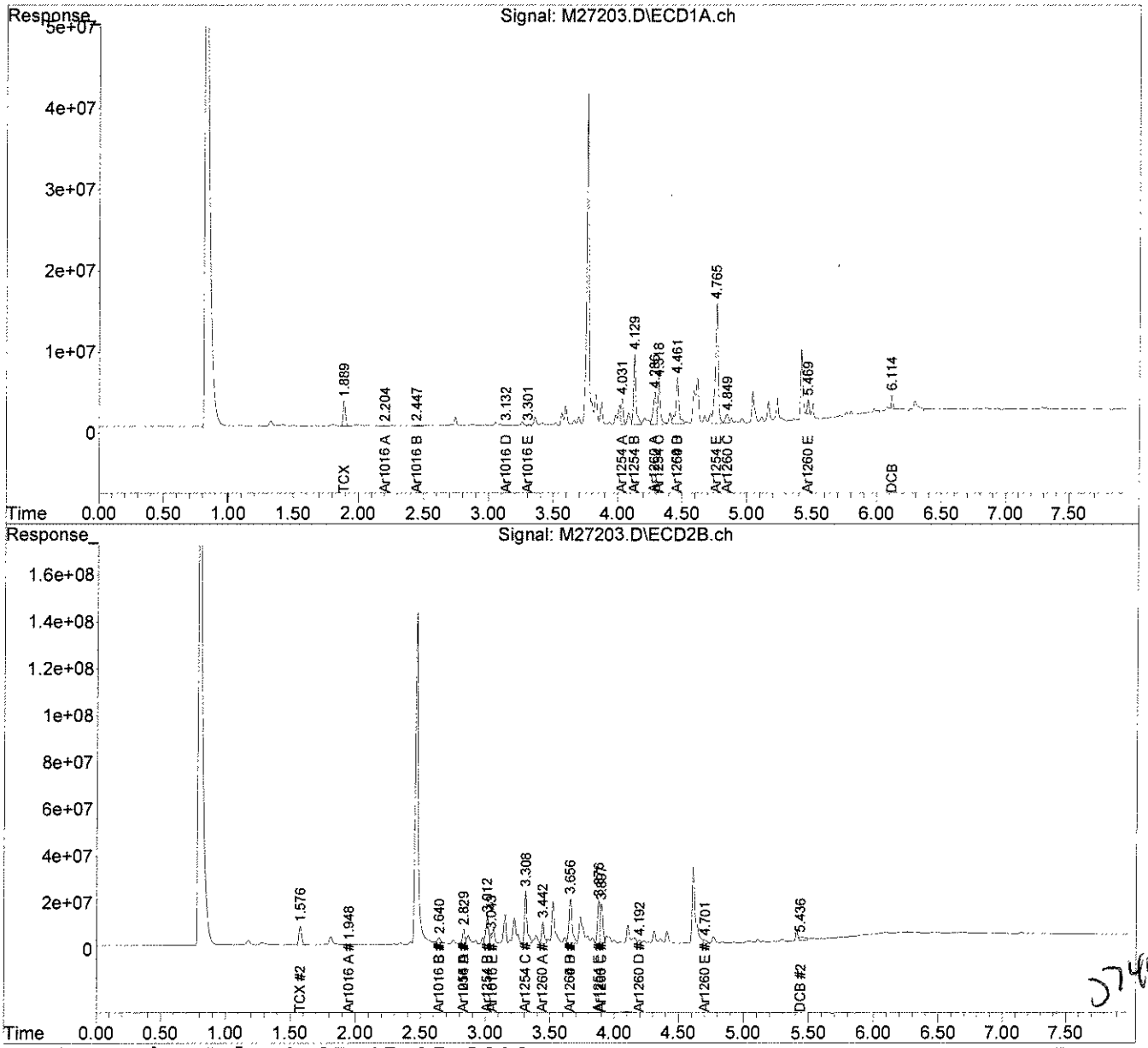
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 4:57 pm
Operator : JK
Sample : 67091-5,1:5,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:45:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBSD-052

SAMPLE DATA

Lab Sample ID: 67091-6
Matrix: Solid
Percent Solid: 81
Dilution Factor: 6
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	200	U
PCB-1221	200	U
PCB-1232	200	U
PCB-1242	200	U
PCB-1248	200	U
PCB-1254	200	**2280**
PCB-1260	200	U
PCB-1262	200	U
PCB-1268	200	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	44	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091
Sample: 67091-6,1:5,,A/C
Data File: M27204.D
Dilution Factor: 5.7

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	2282	1634	33.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

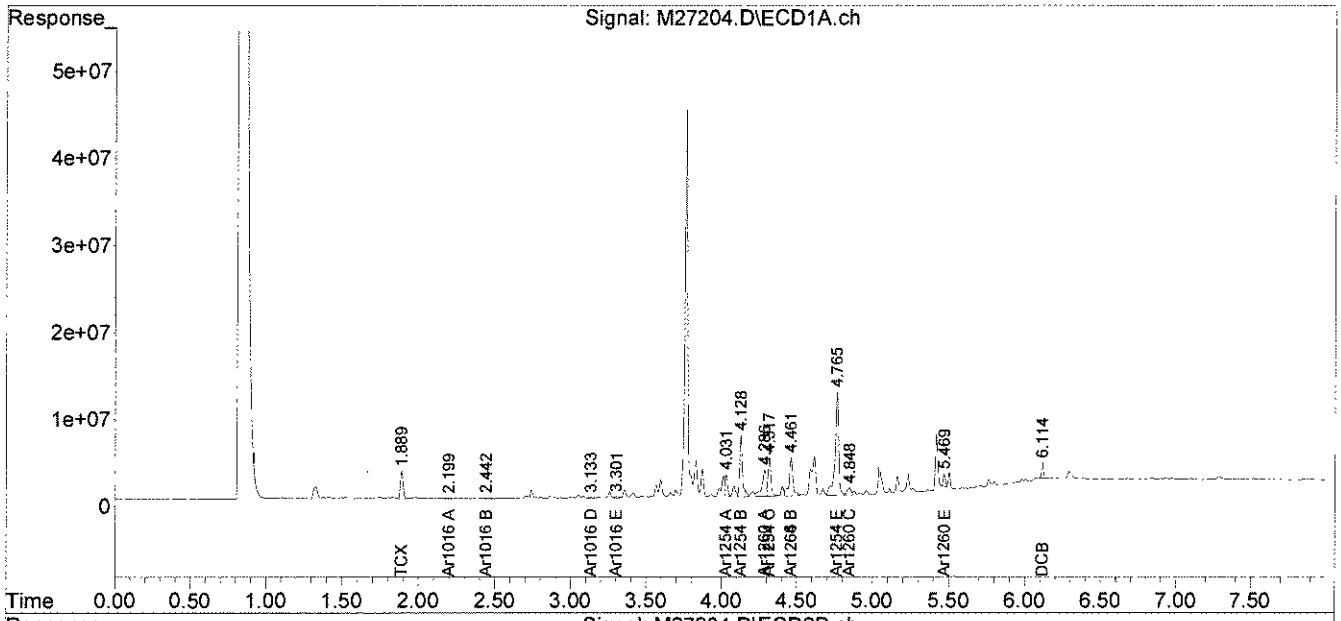
Comments: _____

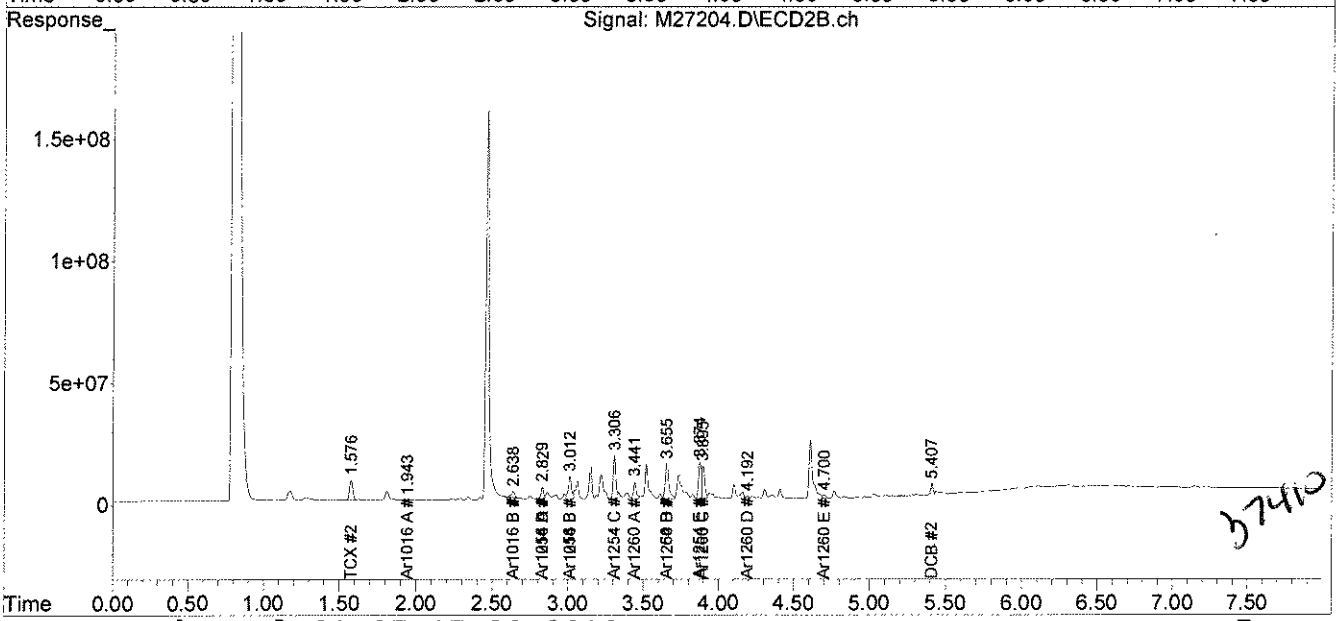
PCB FORM 10

Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 5:07 pm
Operator : JK
Sample : 67091-6,1:5,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2e
Quant Time: Jul 01 07:47:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-058

SAMPLE DATA

Lab Sample ID: 67091-7
Matrix: Solid
Percent Solid: 72
Dilution Factor: 7
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	230	U
PCB-1221	230	U
PCB-1232	230	U
PCB-1242	230	U
PCB-1248	230	U
PCB-1254	230	U
PCB-1260	230	U
PCB-1262	230	U
PCB-1268	230	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	193*	%
Decachlorobiphenyl	150*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Surrogate recovery outside control limits. Sample was reanalyzed with similar results.

PCB EXT Report

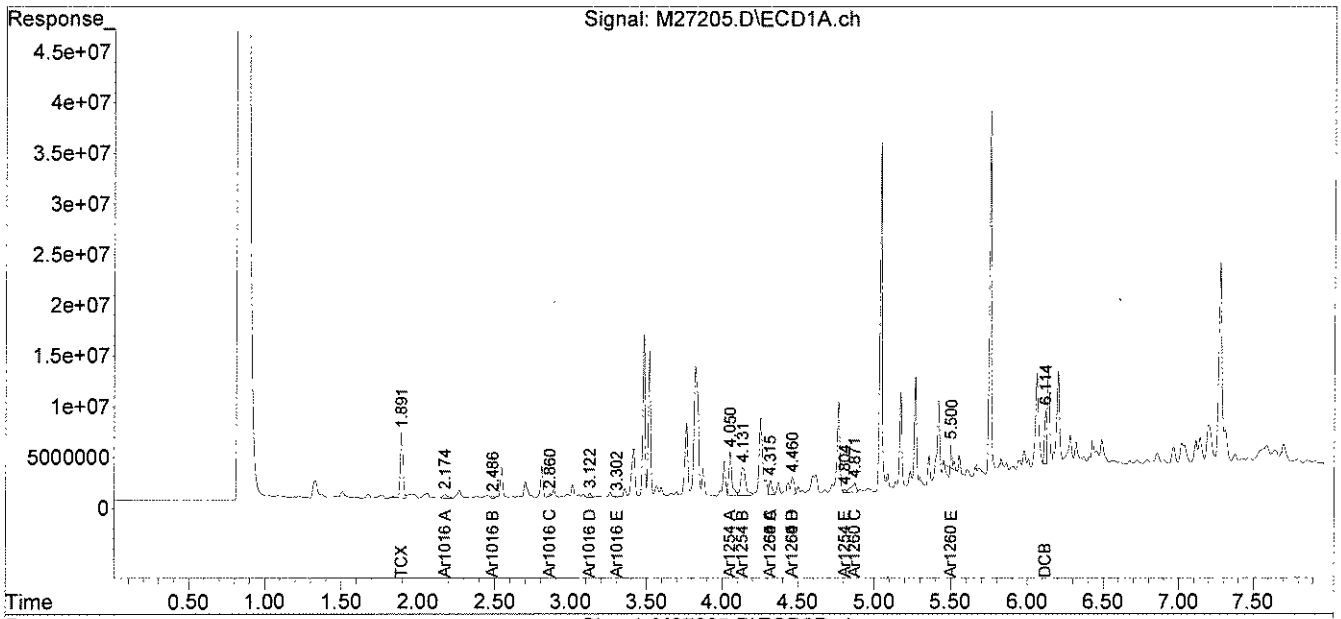
Authorized signature

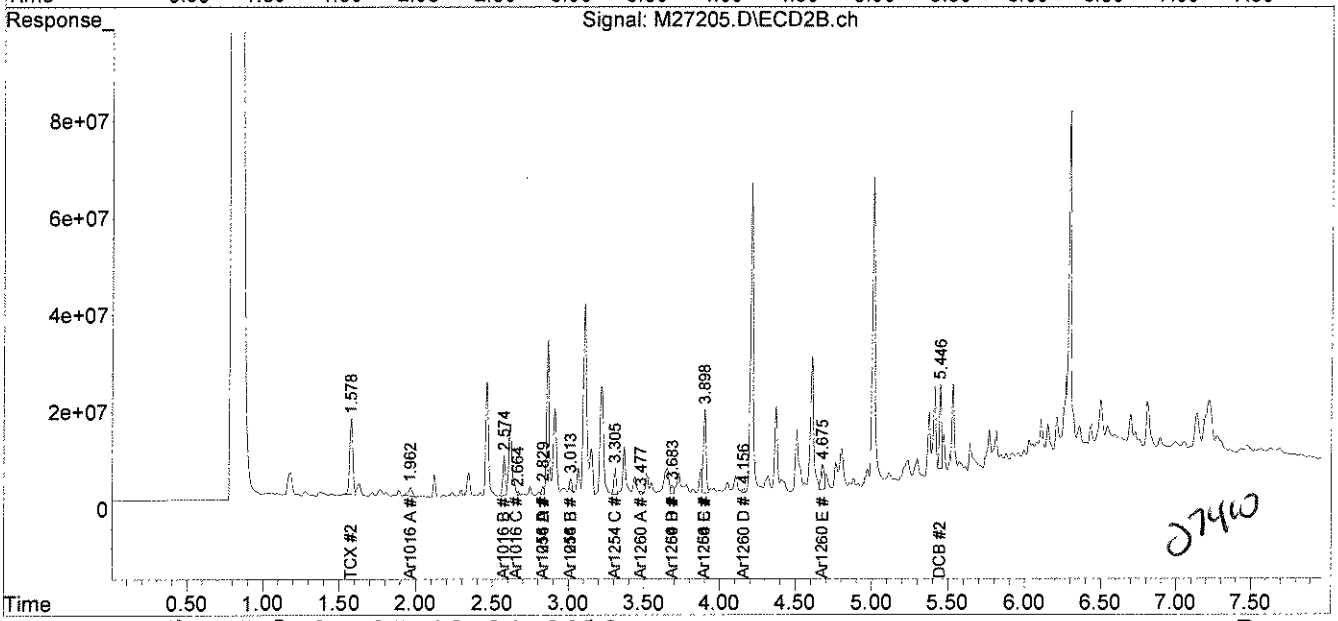
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 5:17 pm
Operator : JK
Sample : 67091-7,1:5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 07:49:10 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

07-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07-01-10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 6, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-059

SAMPLE DATA

Lab Sample ID: 67091-8
Matrix: Solid
Percent Solid: 89
Dilution Factor: 5
Collection Date: 06/25/10
Lab Receipt Date: 06/28/10
Extraction Date: 06/28/10
Analysis Date: 06/30/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	170	U
PCB-1221	170	U
PCB-1232	170	U
PCB-1242	170	U
PCB-1248	170	U
PCB-1254	170	U
PCB-1260	170	U
PCB-1262	170	U
PCB-1268	170	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	107	%
Decachlorobiphenyl	46	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

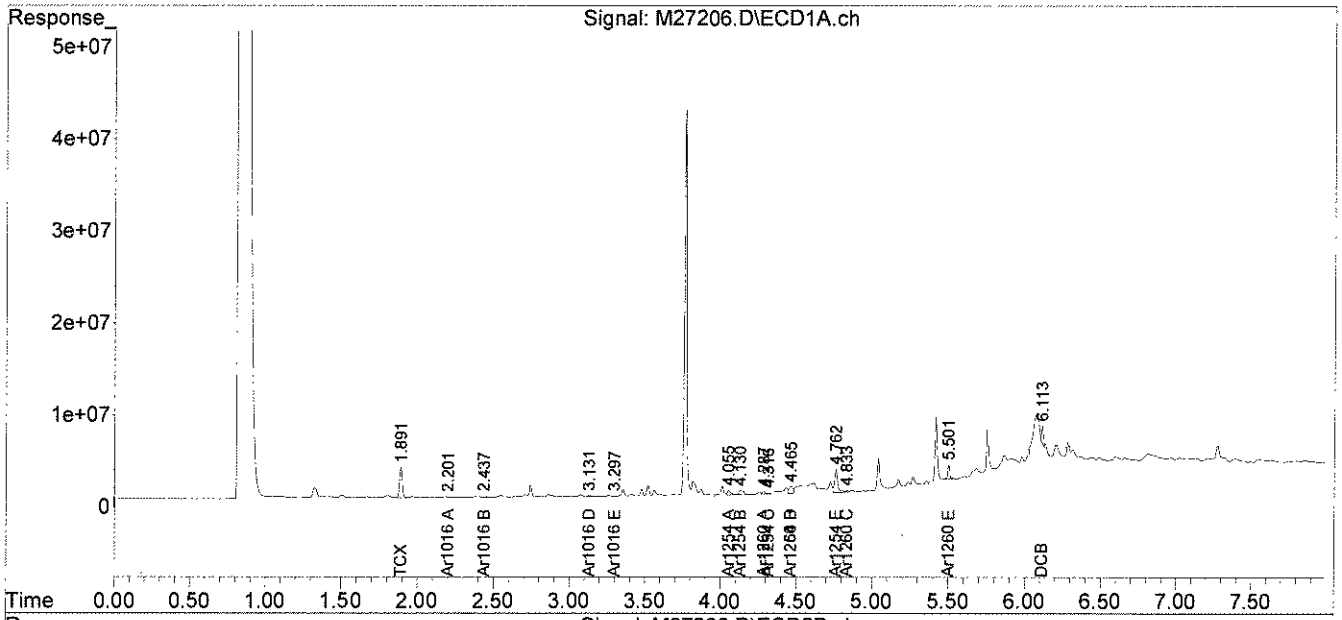
Authorized signature

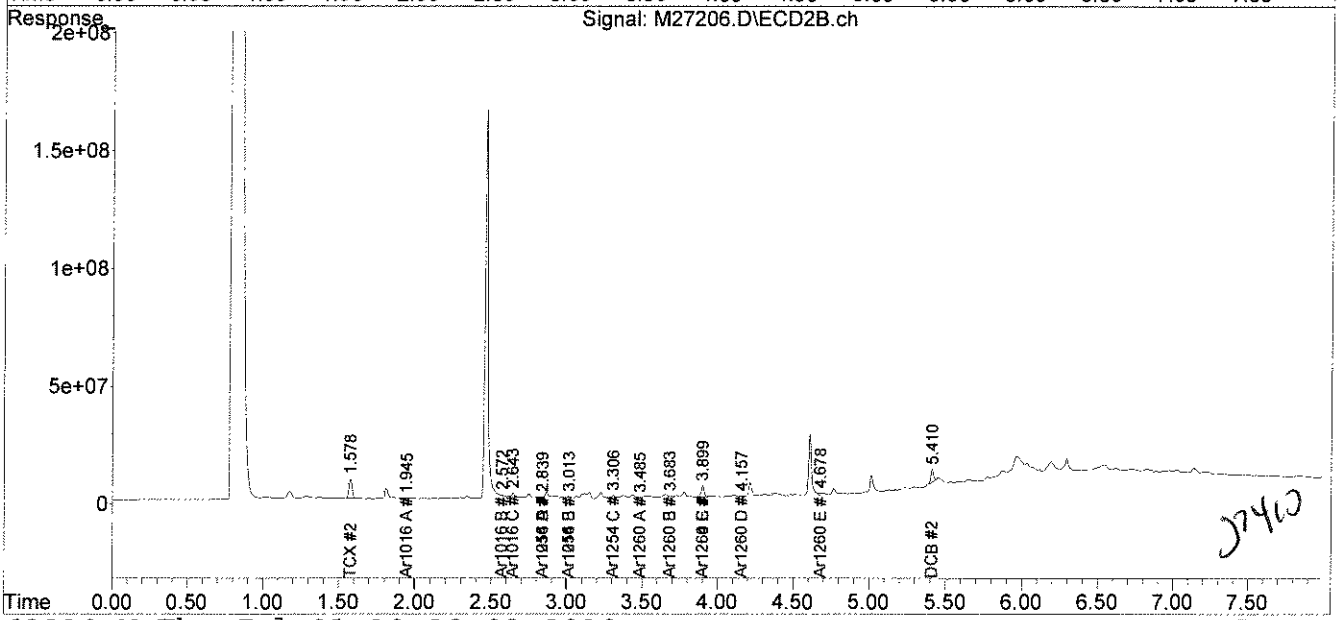
Data Path : C:\msdchem\1\DATA\063010-M\
Data File : M27206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2010 5:28 pm
Operator : JK
Sample : 67091-8,1:5,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 01 10:27:45 2010
Quant Method : C:\msdchem\1\METHODS\PCB062210.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Tue Jun 22 14:51:48 2010
Response via : Initial Calibration
Integrator: ChemStation

7-01-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





7-01-10

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062810PSOX2,,A/C	93		59		86		55	
L062810PSOX2,,A/C	98		61		87		57	
LD062810PSOX2,,A/C	96		61		86		56	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67091

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B062810PSOX2,,A/C	94		52		87		53	
67091-1,1:5,,A/C	99		44		84		50	
67091-2,1:5,,A/C	107		50		90		55	
67091-3,1:5,,A/C	106		50		92		52	
67091-4,1:5,,A/C	105		50		92		56	
67091-5,1:5,,A/C	101		41		89		55	
67091-6,1:5,,A/C	105		44		91		53	
67091-7,1:5,,A/C	193	*	150	*	167	*	159	*
67091-8,1:5,,A/C	107		46		86		74	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides 1

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67091

Non-spiked sample: B062810PSOX2,,A/C

Spike: L062810PSOX2,,A/C

Spike duplicate: LD062810PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		214	107		8.6	
PCB 1260	200	200	60	130	30	0	219	110		232	116		5.6	
PCB 1016 #2	200	200	65	140	30	0	236	118		248	124		5.1	
PCB 1260 #2	200	200	60	130	30	0	212	106		211	105		0.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: CP 6/28/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard & Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wallace

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
SDV-CBS-053	6/25/10	12:35	PCB		X						S	1	G		67091-1
SDV-CBS-054	6/25	12:38													2
SDV-CBS-055	6/25	12:40													3
SDV-CBS-056	6/25	12:43													4
SDV-CBS-057	6/25	12:45													5
SDV-CBSD-052	6/25	12:45													6
SDV-CBS-058	6/25	12:50													7
SDV-CBS-059	6/25	12:53													8
			CP 6/28/10												

Email Results to:
awallace@woodardcurran.com
jhamel@woodardcurran.com

Comments / Instructions:
Soxhlet/8082

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [x] 5 Days* Fri 7/2
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [x] MCP*
- [x] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [x] MA
- [ ] ME
- [ ] CT
- [ ] RI
- Other:

State Standard: _____ (eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Relinquished By: Sampler: Amy Wallace 6/28/10 1400
Received By: Amy Wallace 6/28/10 1400
Relinquished By: Date: 6/28/10 Time: 9:50
Received By: Date: Time:
Relinquished By: Date: Time:
Received By: Date: Time:

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67091 | COOLER NUMBER: NA

CLIENT: Woodard | NUMBER OF COOLERS: 1

PROJECT: Wellesley College | DATE RECEIVED: 6-25-10

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 6-25-10

1. Cooler received by(initials): KAM | Date Received: 6-25-10

2. Circle one: (Hand delivered) Shipped (If so, skip 3)

3. Did cooler come with a shipping slip? Y (NA)

3a. Enter carrier name and airbill number here: NA

4. Were custody seals on the outside of cooler? Y (NA)
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y (NA)

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)? (Y) N

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 3°C

B. Log-In: Date samples were logged in: 6-25-10 By: KAM

12. Type of packing in cooler(bubble wrap, popcorn) Y (N)

13. Were all bottles sealed in separate plastic bags? Y (N)

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? Y (NA)

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (NA)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): CP Date: 6/28/10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 22, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: **Analytical Results Case Narrative**
Analytics # 67280
Wellesley College #223358

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form I Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67280

Revision: Rev. 0

Re: Wellesley College (Project No: 223358)

Enclosed are the results of the analyses on your sample(s). Samples were received on 20 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67280-1	07/19/10	SDV-CBS-062	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/22/2010

analytics environmental laboratory LLC

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MassDEP Analytical Protocol Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 67280

Project Location: Wellesley College RTN:

This Form provides certifications for the following data set. Laboratory Sample ID Number(s):

67280-1

Matrices: ☐ Groundwater/Surface Water ☒ Soil/Sediment ☐ Drinking Water ☐ Air ☐ Other

CAM Protocol (check all that apply below):

8260 VOC CAM II A ☐	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☒	9014 Total Cyanide/PAC CAM VI A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition conistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☒ Yes ☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☒ Yes ☐ No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☒ Yes ☐ No
D	Does the laboratory report comply with all reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No ☐ Yes ☐ No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☐ Yes ☐ No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

Data User Note: Data that achieve "Preseumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were ALL QC performance standards specified in the CAM protocol(s) achieved?	☒ Yes ☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ **Position:** Assistant Laboratory Director

Printed Name: Melissa Gulli **Date:** July 22, 2010

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 22, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

Lab Sample ID: B072010PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/20/10
Analysis Date: 07/21/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	82	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

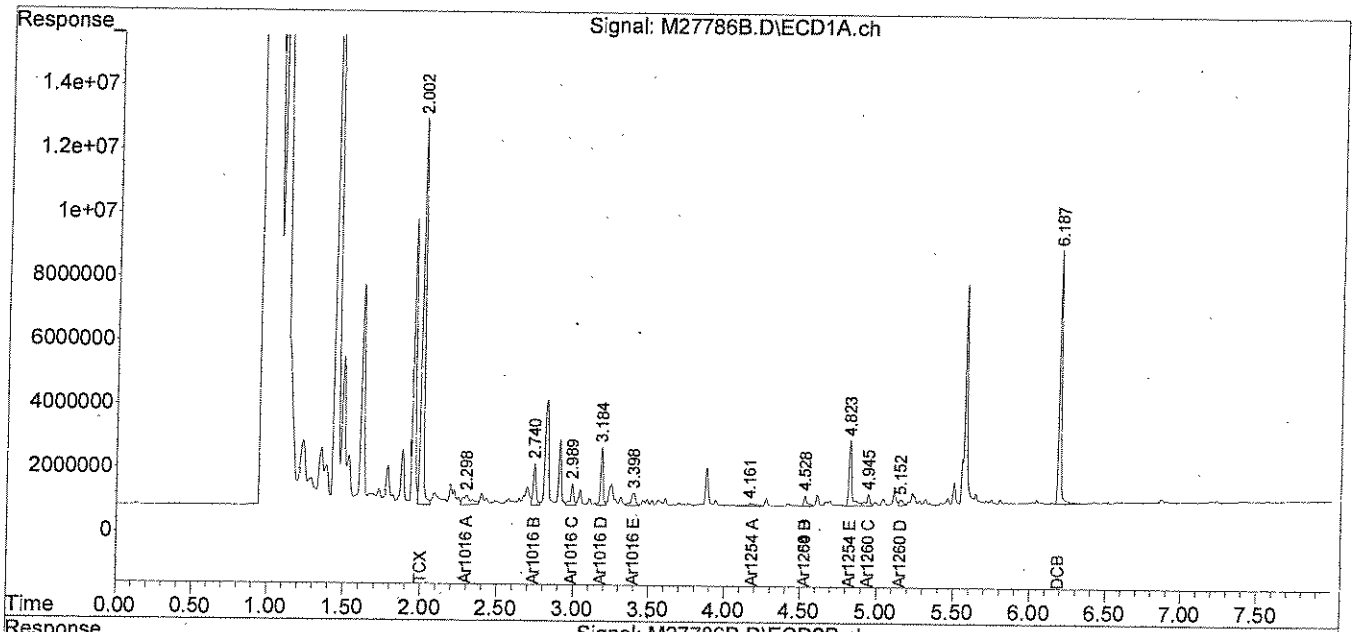
Authorized signature

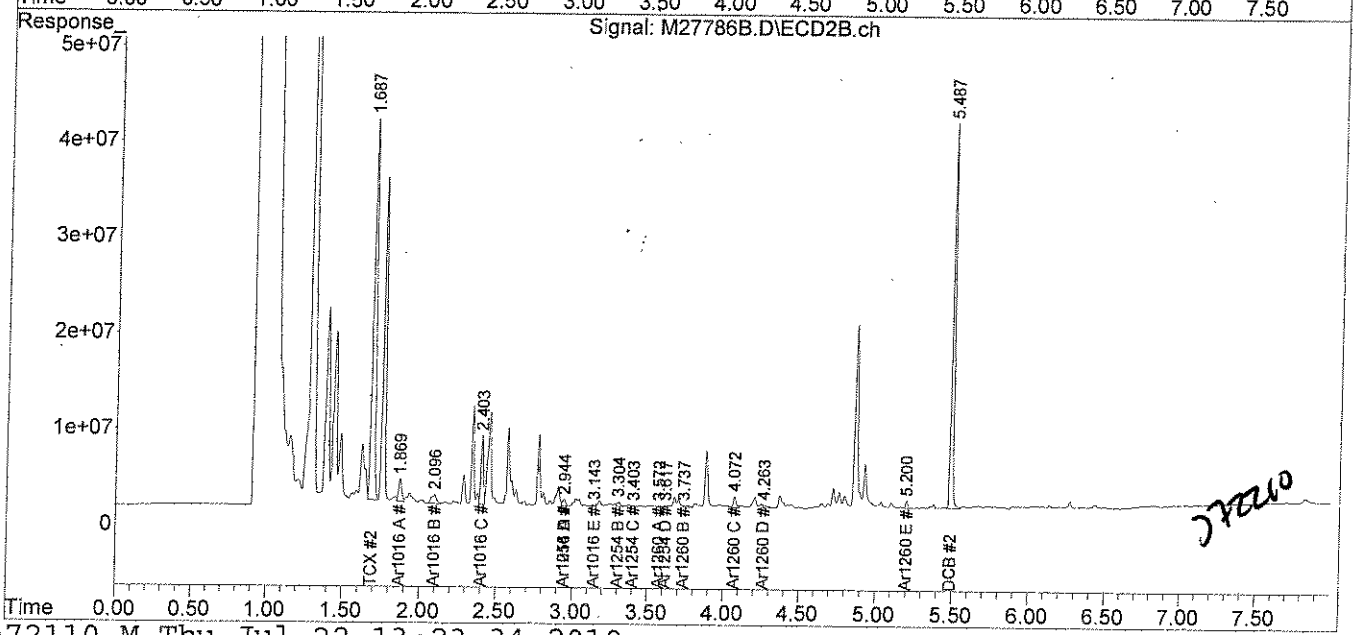
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27786B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 8:19 pm
Operator : JK
Sample : B072010PSOX,,A/C
Misc : SOIL
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 22 13:08:41 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JR 07-22-10





B72210

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 22, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-CBS-062

Lab Sample ID: 67280-1
Matrix: Solid
Percent Solid: 82
Dilution Factor: 1.2
Collection Date: 07/19/10
Lab Receipt Date: 07/20/10
Extraction Date: 07/20/10
Analysis Date: 07/21/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	40	U
PCB-1221	40	U
PCB-1232	40	U
PCB-1242	40	U
PCB-1248	40	U
PCB-1254	40	**295**
PCB-1260	40	U
PCB-1262	40	U
PCB-1268	40	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	65	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG:
Sample: 67280-1,,A/C
Data File: M27794.D
Dilution Factor: 1.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1254	295	216	31.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

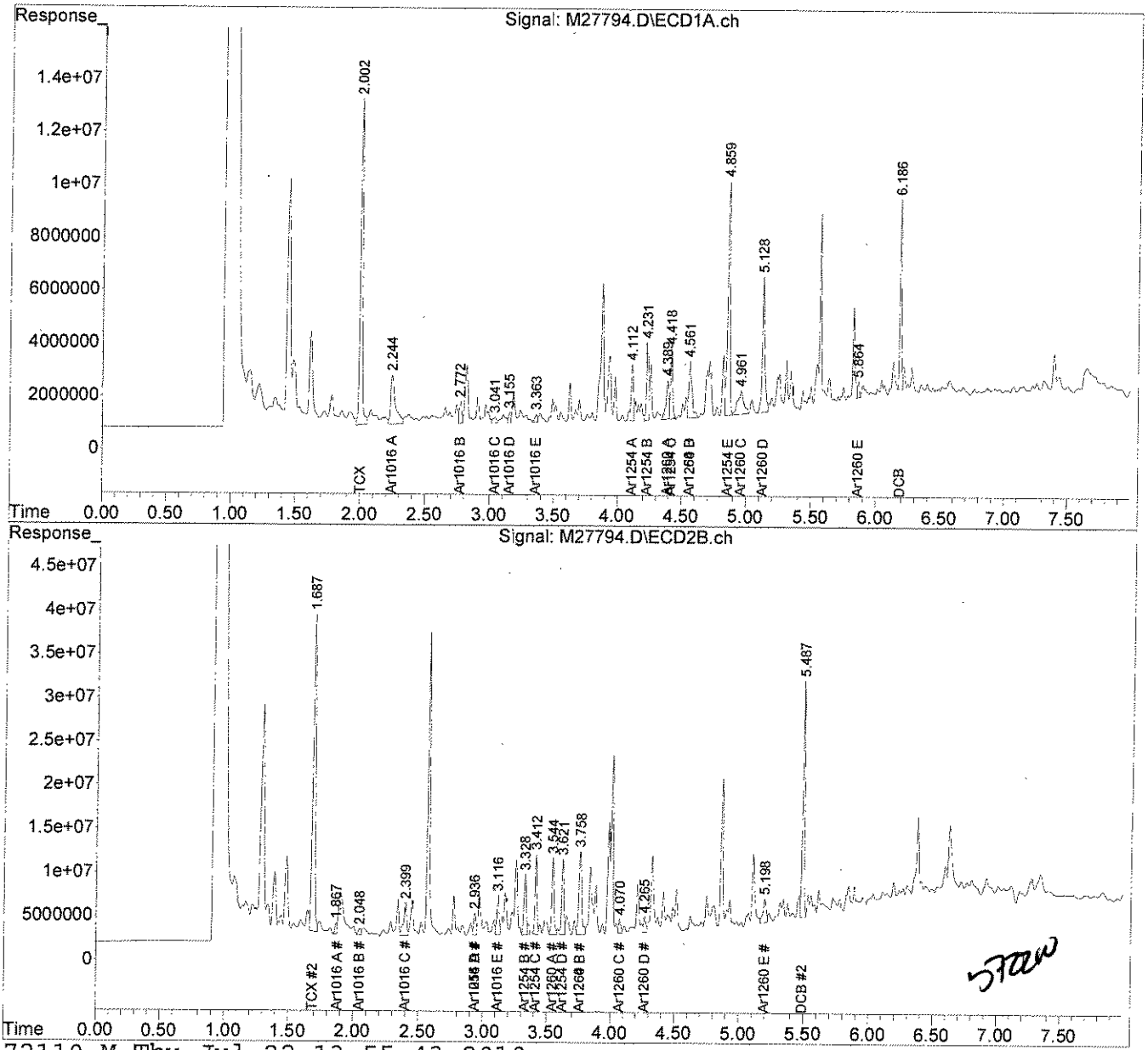
Comments: _____

Quantitation Report (QT Reviewed)

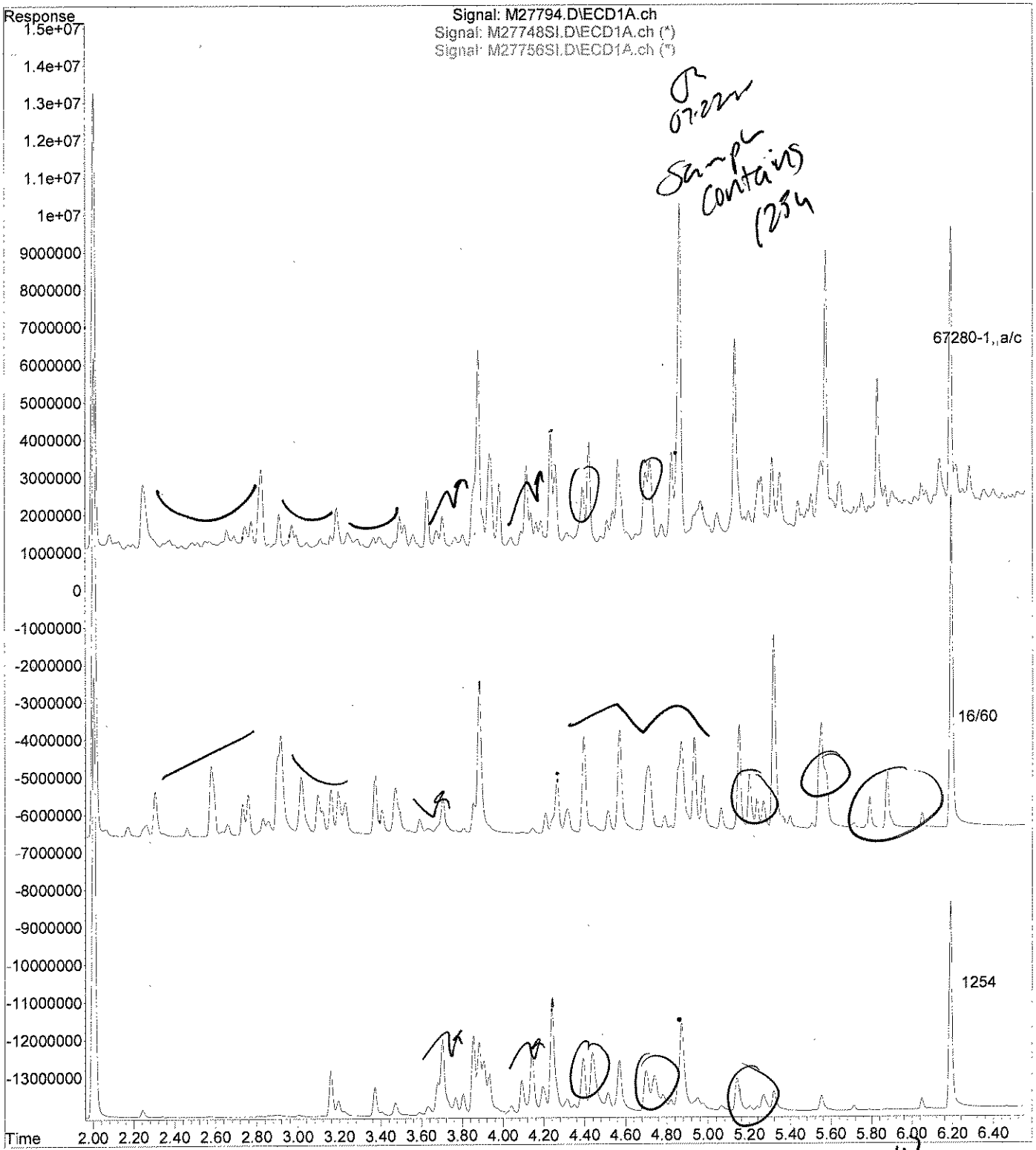
Data Path : C:\msdchem\1\DATA\072110-M\
Data File : M27794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2010 9:42 pm
Operator : JK
Sample : 67280-1,,A/C
Misc : SOIL
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 22 13:55:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\072110-M\M27794.D
Operator : JK
Acquired : 21 Jul 2010 9:42 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67280-1,,A/C
Misc Info : SOIL
Vial Number: 56



PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67280

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072010PSOX,,A/C	90		82		82		74	
L072010PSOX,,A/C	91		82		84		76	
LD072010PSOX,,A/C	93		82		85		76	
67280-1,,A/C	95		65		80		52	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67280

Non-spiked sample: B072010PSOX,,A/C

Spike: L072010PSOX,,A/C

Spike duplicate: LD072010PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	190	95		241	121		23.9	
PCB 1260	200	200	60	130	30	0	214	107		217	108		1.2	
PCB 1016 #2	200	200	65	140	30	0	260	130		254	127		2.1	
PCB 1260 #2	200	200	60	130	30	0	189	94		189	95		0.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 2°C
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: 7-20-10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
OW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
*SDV-CBS-062	7/19/10	13:15	PCB		X						soil	1	G		67280-1

Received By: cold storage Time: 15:00 Date: 7/19/10
Received By: Tracy Time: 1350 Date: 7/20/10
Received By: BB 7/20/10 Time: Date:

Email Results to:
awallace@woodardcurran.com

Comments / Instructions:
*SDV as per Amy Wallace and due 7/22/10 -CP 7/21/10
Soxhlet/8082

Turnaround Time (TAT)
BY COB THURS 7/22
☐ 24hr* ☐ 48hr*
☒ 72hr* ☐ 5 Days*
☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☒ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☒ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: PDF

Relinquished By Sampler: Amy Wa
Relinquished By: Cold Storage
Relinquished By:

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67280
CLIENT: Woodard & Curran
PROJECT: Wellesley College

COOLER NUMBER: NA
NUMBER OF COOLERS: 1
DATE RECEIVED: 7/20/10

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 7/20/10

1. Cooler received by(initials): JSB — Date Received: 7/20/10

2. Circle one: (Hand delivered) Shipped (If so, skip 3)

3. Did cooler come with a shipping slip? Y (N/A)

3a. Enter carrier name and airbill number here: NA

4. Were custody seals on the outside of cooler? Y (N)
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	(Y)	N
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 2°C

B. Log-In: Date samples were logged in: 7/20/10 By: JSB

12. Type of packing in cooler(bubble wrap, popcorn)	(Y)	N
13. Were all bottles sealed in separate plastic bags?	Y	(N)
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	(Y)	N
16. Did all bottle labels agree with custody papers?	(Y)	N
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	Y	(N/A)
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were bubbles absent in VOA samples?	Y	(N/A)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): [illegible] Date: 7-20-10

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 28, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67343
Wellesley College #223358

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

The closing continuing calibration standard (file#M28051SC) had low recovery for surrogate Decachlorobiphenyl on both columns. The analytical window was reanalyzed with similar results. Samples 67343-21 thru 67343-24 were analyzed in this window and were reported with a comment to this affect.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67343

Revision: Rev. 0

Re: Wellesley College (Project No: 223358)

Enclosed are the results of the analyses on your sample(s). Samples were received on 26 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 07/29/2010

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

CLIENT: Woodard & Curran **REPORT NUMBER: 67343** **REV: Rev. 0**

PROJECT: Wellesley College (Project No: 223358)

Lab Number	Sample Date	Station Location	Analysis	Comments
67343-1	07/21/10	SDV-VBA-063	EPA 8082 (PCBs only)	
67343-2	07/26/10	SDV-VBA-064	EPA 8082 (PCBs only)	
67343-3	07/26/10	SDV-VBA-065	EPA 8082 (PCBs only)	
67343-4	07/26/10	SDV-VBA-066	EPA 8082 (PCBs only)	
67343-5	07/26/10	SDV-VBA-067	EPA 8082 (PCBs only)	
67343-6	07/26/10	SDV-VBA-068	EPA 8082 (PCBs only)	
67343-7	07/26/10	SDV-VBA-069	EPA 8082 (PCBs only)	
67343-8	07/26/10	SDV-VBA-070	EPA 8082 (PCBs only)	
67343-9	07/26/10	SDV-VBA-071	EPA 8082 (PCBs only)	
67343-10	07/26/10	SDV-VBA-072	EPA 8082 (PCBs only)	
67343-11	07/26/10	SDV-VBA-073	EPA 8082 (PCBs only)	
67343-12	07/26/10	SDV-VBA-074	EPA 8082 (PCBs only)	
67343-13	07/26/10	SDV-VBA-075	EPA 8082 (PCBs only)	
67343-14	07/26/10	SDV-VBA-076	EPA 8082 (PCBs only)	
67343-15	07/26/10	SDV-VBA-077	EPA 8082 (PCBs only)	
67343-16	07/26/10	SDV-VBA-078	EPA 8082 (PCBs only)	
67343-17	07/26/10	SDV-VBS-079	EPA 8082 (PCBs only)	
67343-18	07/26/10	SDV-VBC-080	EPA 8082 (PCBs only)	
67343-19	07/26/10	SDV-VBC-081	EPA 8082 (PCBs only)	
67343-20	07/26/10	SDV-VBC-082	EPA 8082 (PCBs only)	
67343-21	07/26/10	SDV-VBC-083	EPA 8082 (PCBs only)	
67343-22	07/26/10	SDV-VBC-084	EPA 8082 (PCBs only)	
67343-23	07/26/10	SDV-VBC-085	EPA 8082 (PCBs only)	
67343-24	07/26/10	SDV-VBC-086	EPA 8082 (PCBs only)	

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MassDEP Analytical Protocol Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 67343

Project Location: Wellesley College RTN:

This Form provides certifications for the following data set. Laboratory Sample ID Number(s):

67343-1 through 67343-24

Matrices: ☐ Groundwater/Surface Water ☐ Soil/Sediment ☐ Drinking Water ☐ Air ☐ Other

CAM Protocol (check all that apply below):

8260 VOC CAM II A ☐	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☒	9014 Total Cyanide/PAC CAM VI A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition conistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☒Yes ☐No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☒Yes ☐No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☒Yes ☐No
D	Does the laboratory report comply with all reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒Yes ☐No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐Yes ☐No ☐Yes ☐No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☒Yes ☐No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☒Yes ☐No[1]

Data User Note: Data that achieve "Preseumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were ALL QC performance standards specified in the CAM protocol(s) achieved?	☐Yes ☒No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☒Yes ☐No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Stephen L. Knollmeyer **Position:** Laboratory Director

Printed Name: Stephen L. Knollmeyer **Date:** July 29, 2010

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B072610PSOX
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

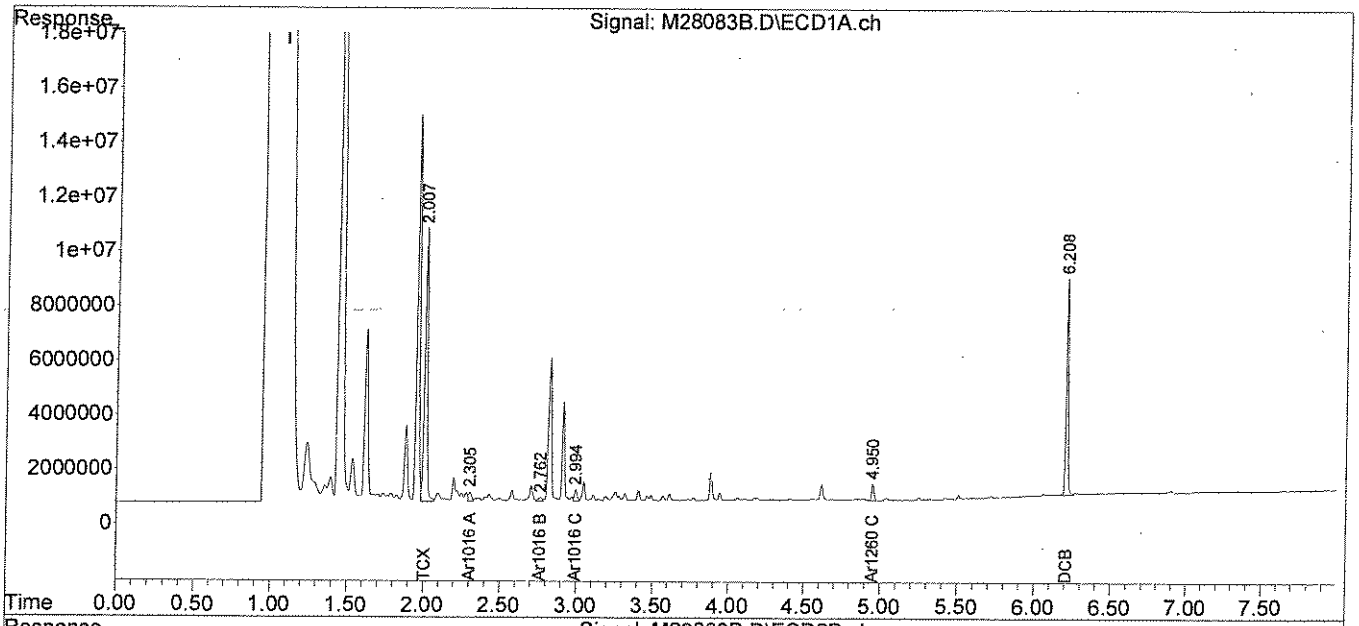
Authorized signature

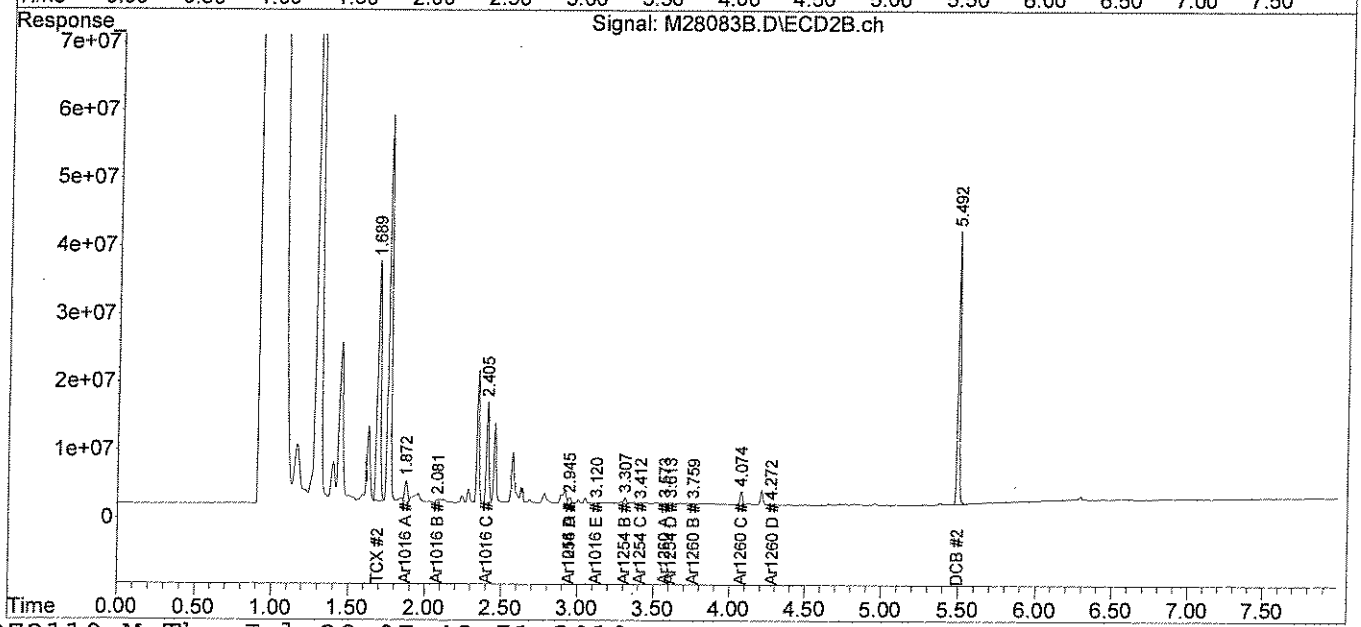
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28083B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 3:05 pm
Operator : JK
Sample : B072610PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:49:51 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





07/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B072610PSOX2 RR
Matrix: Soil
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/26/10
Analysis Date: 07/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recovery for surrogate Decachlorobiphenyl.

PCB EXT Report

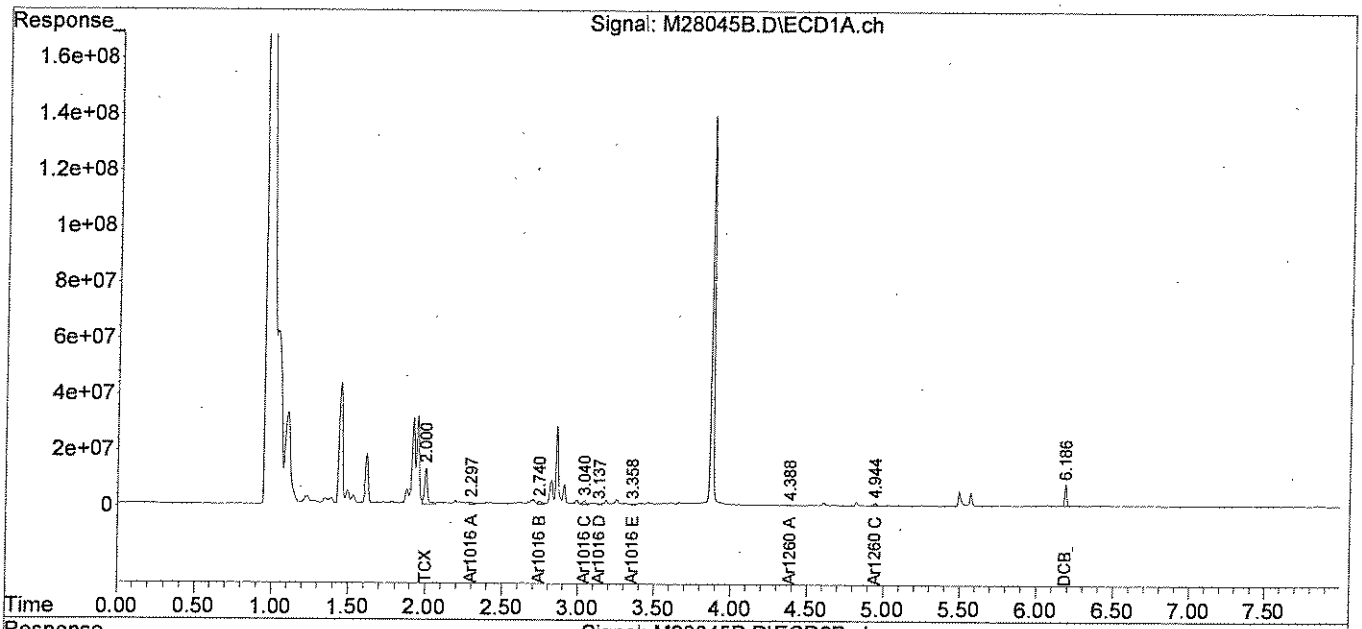
Authorized signature

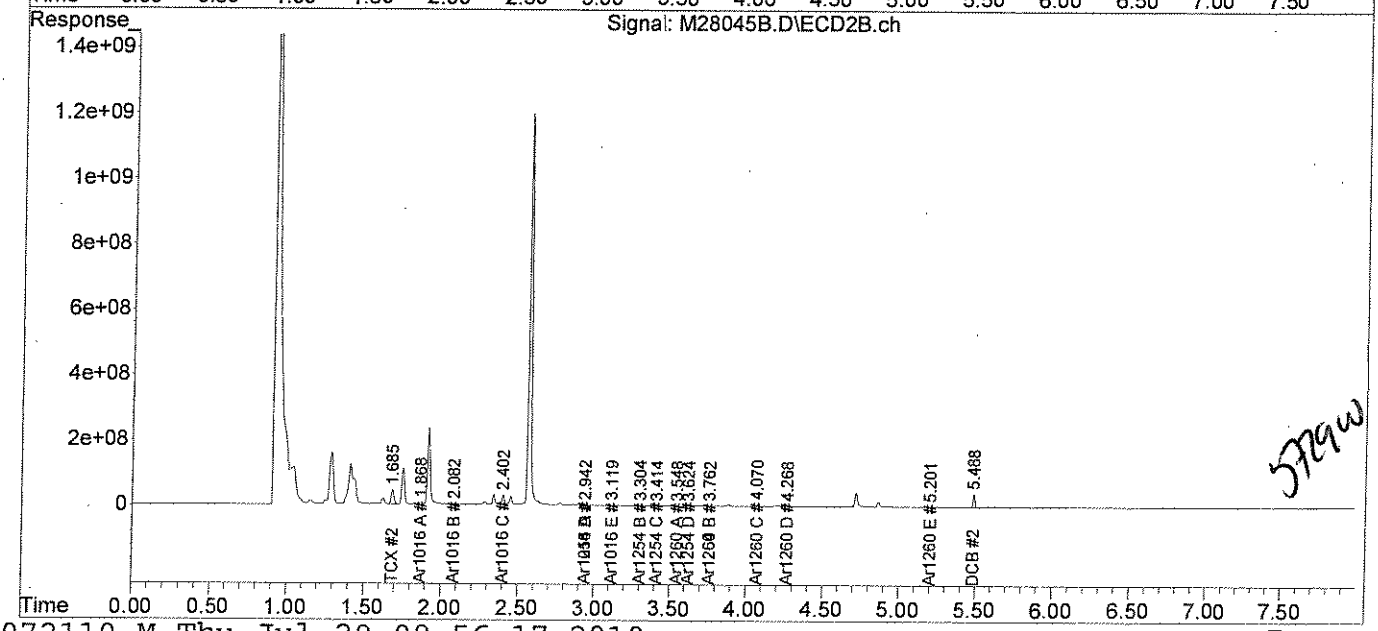
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M28045B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 10:56 pm
Operator : JK
Sample : B072610PSOX2,RR,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 09:56:06 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

OL 07.29





5729w

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-063

SAMPLE DATA

Lab Sample ID: 67343-1
Matrix: Solid
Percent Solid: 96
Dilution Factor: 10
Collection Date: 07/21/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	49	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

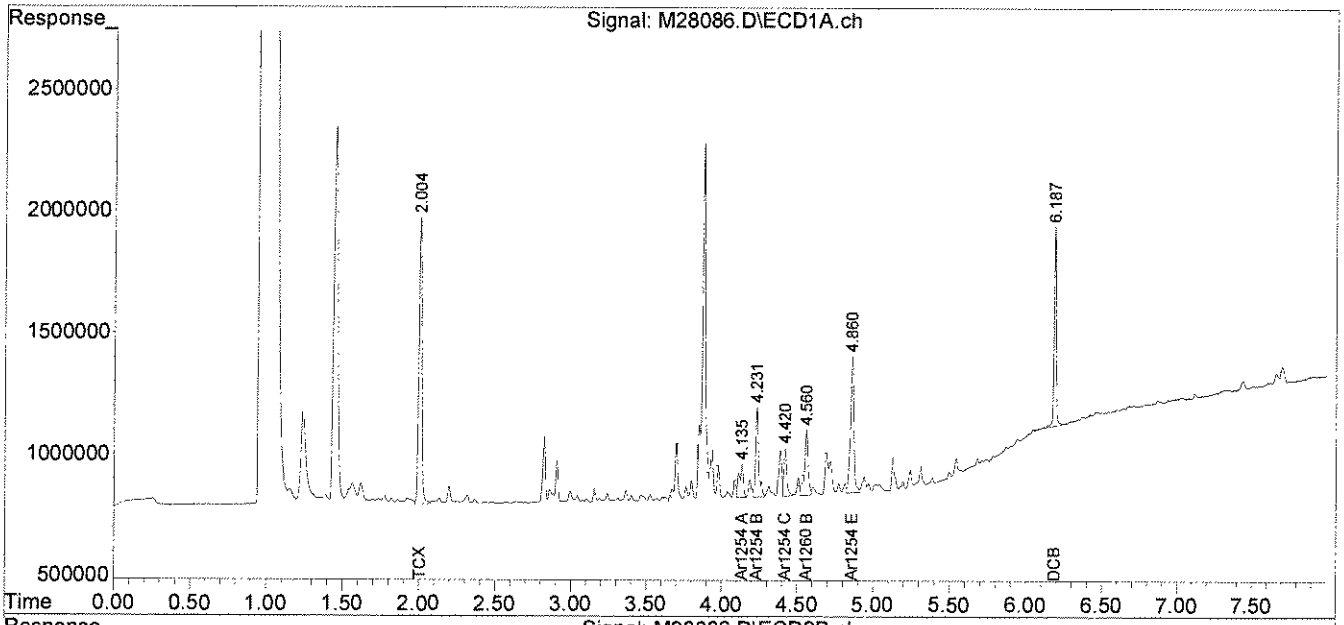
Authorized signature

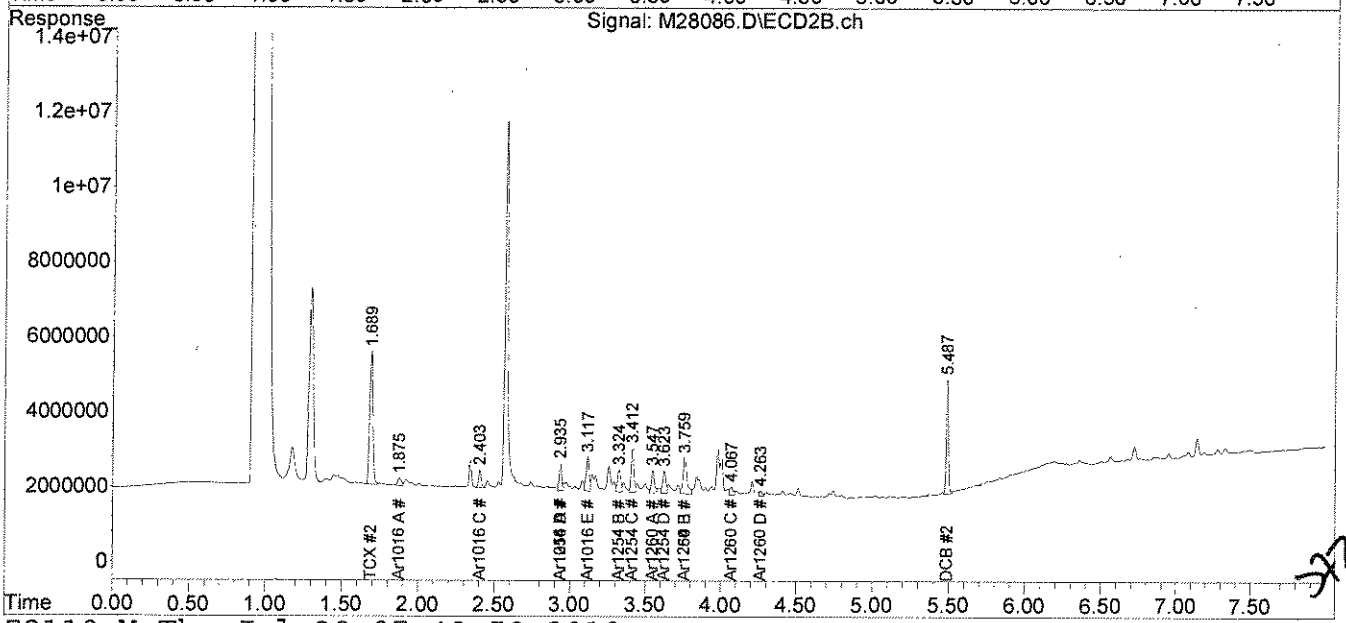
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 3:36 pm
Operator : JK
Sample : 67343-1,1:10,,A/C
Misc : SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:49:58 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JTW

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-064

SAMPLE DATA

Lab Sample ID: 67343-2
Matrix: Solid
Percent Solid: 93
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

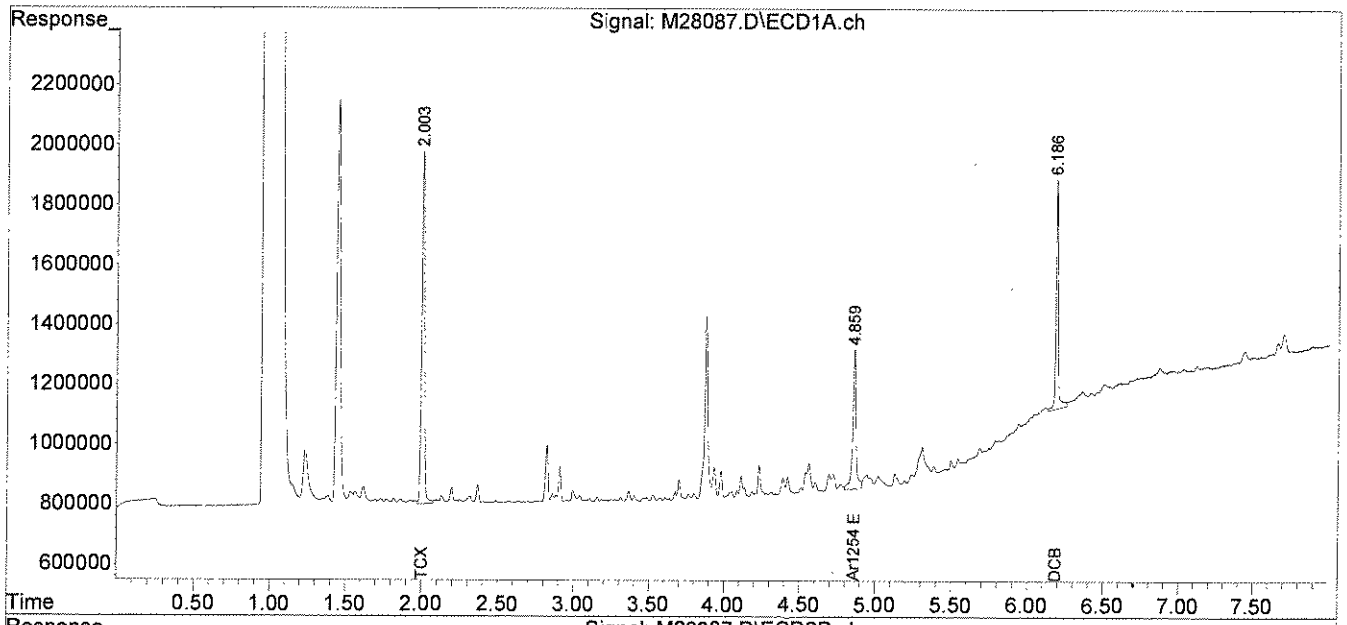
Authorized signature

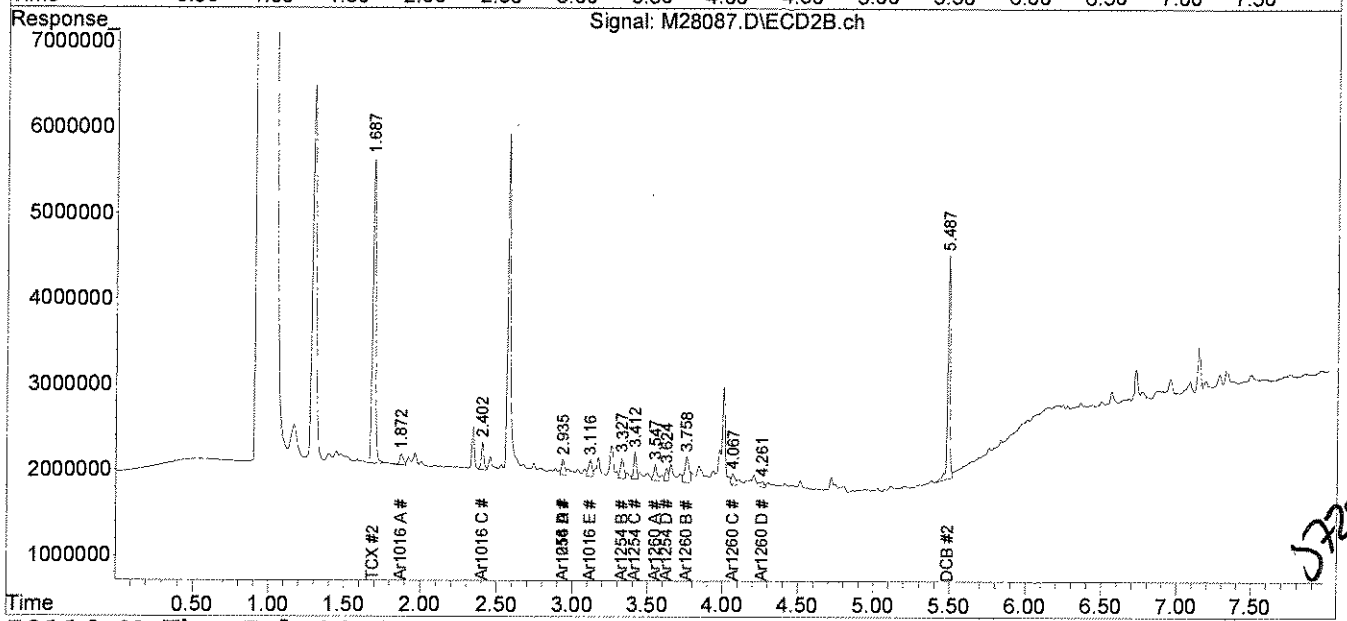
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 3:46 pm
Operator : JK
Sample : 67343-2,1:10,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:00 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

R 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J7290

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-065

SAMPLE DATA

Lab Sample ID: 67343-3
Matrix: Solid
Percent Solid: 92
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	50	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

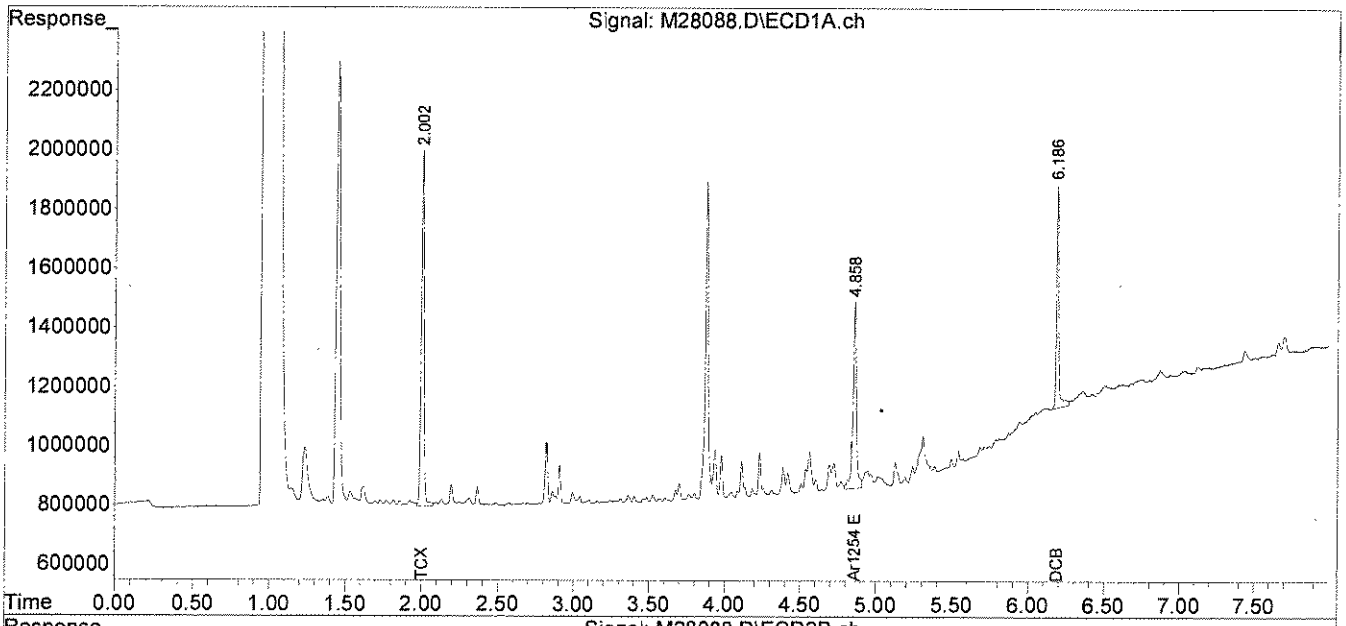
Quantitation Report (Not Reviewed)

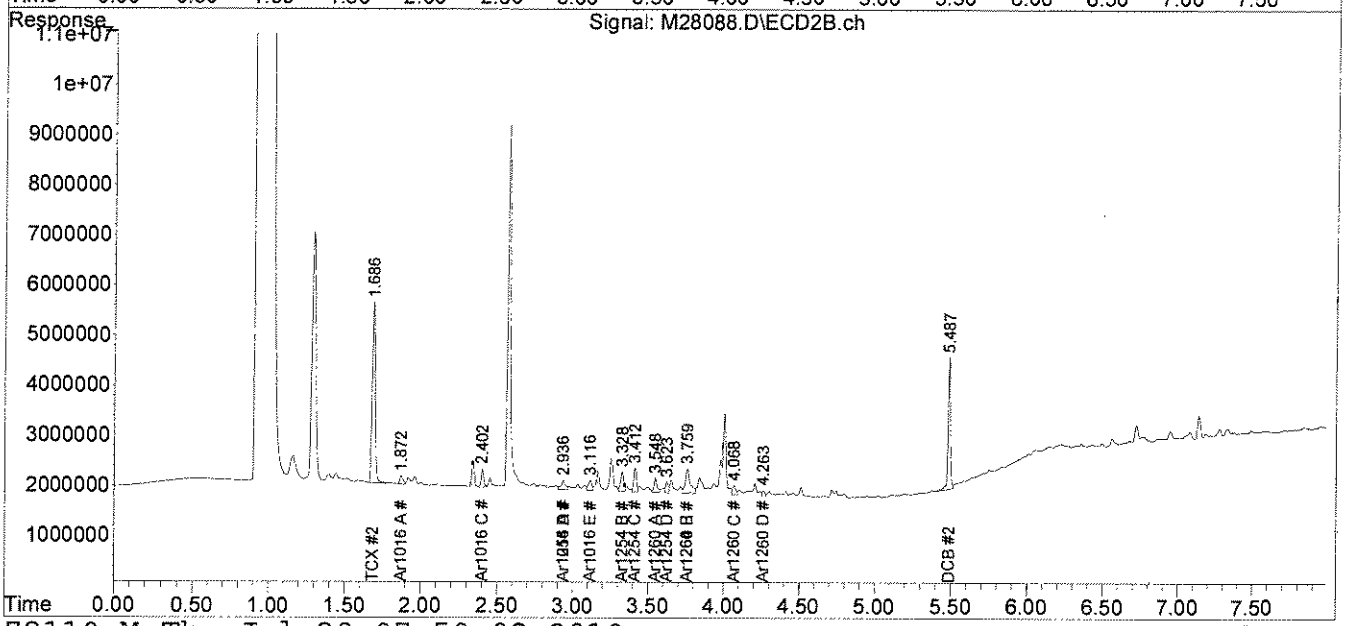
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 3:57 pm
Operator : JK
Sample : 67343-3,1:10,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JT 29 10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-066

SAMPLE DATA

Lab Sample ID: 67343-4
Matrix: Solid
Percent Solid: 94
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

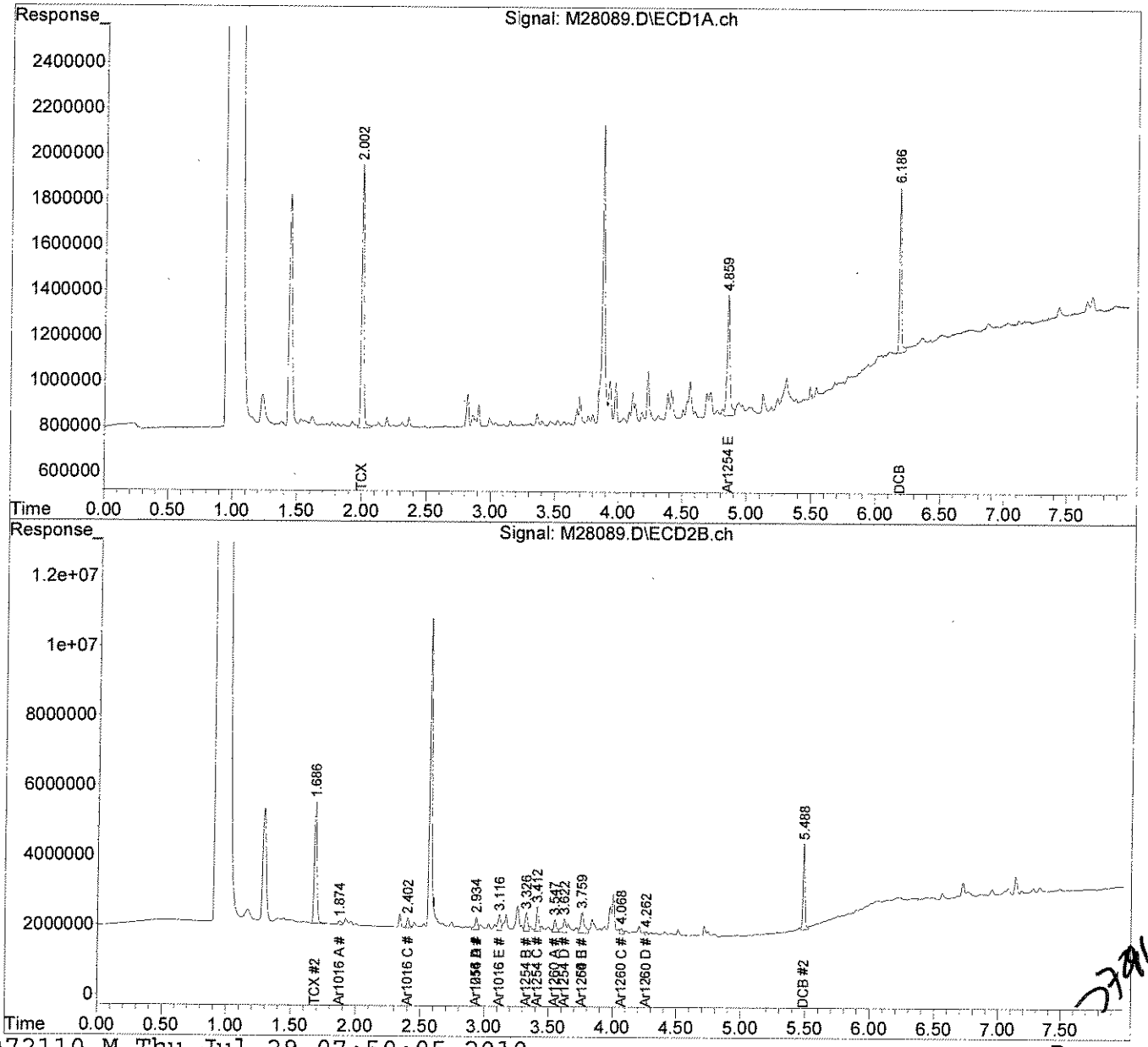
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:07 pm
Operator : JK
Sample : 67343-4,1:10,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:05 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



7.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-067

SAMPLE DATA

Lab Sample ID: 67343-5
Matrix: Solid
Percent Solid: 93
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

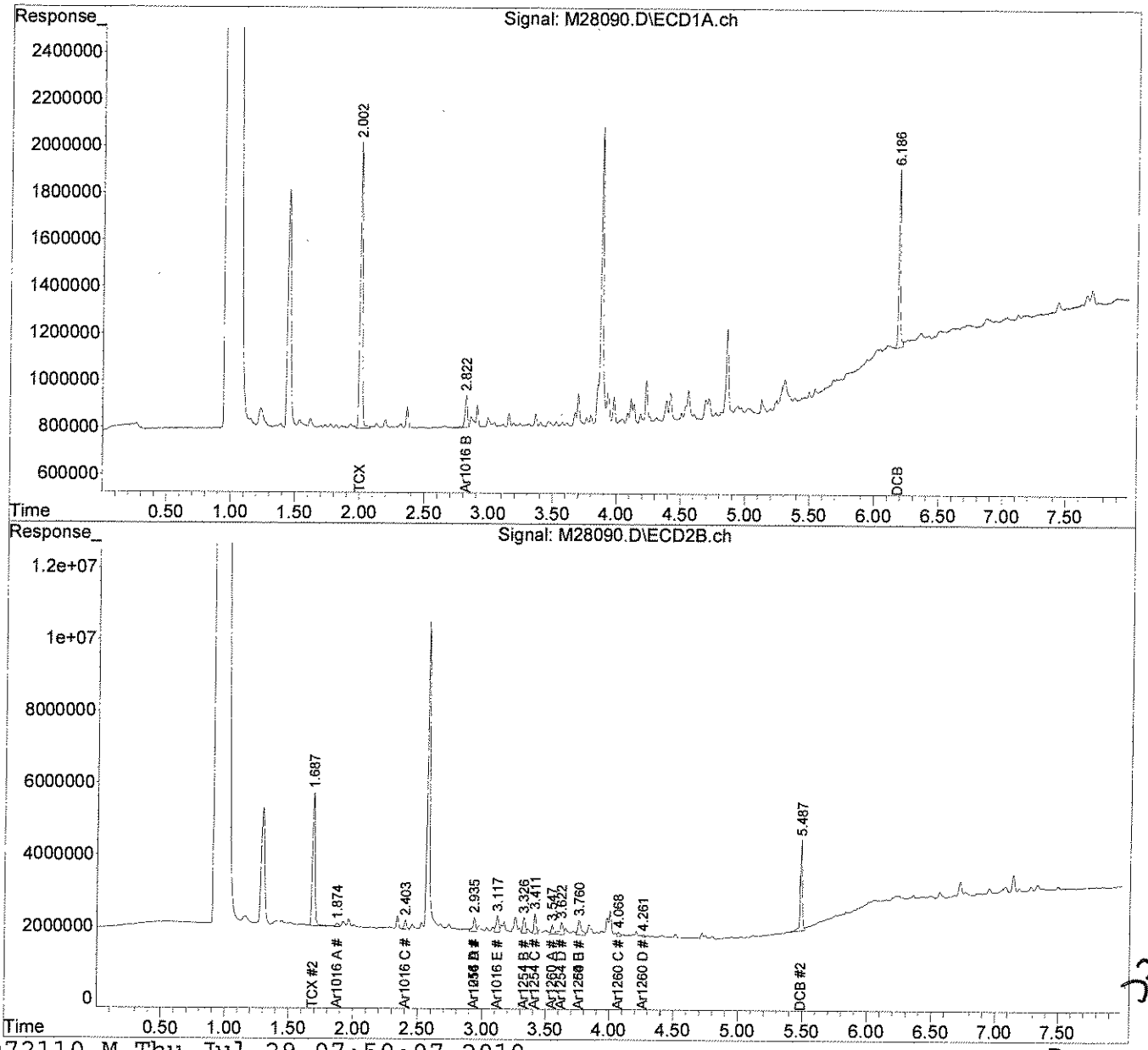
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:17 pm
Operator : JK
Sample : 67343-5,1:10,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:07 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07-29-11

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



7/29/11

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-068

SAMPLE DATA

Lab Sample ID: 67343-6
Matrix: Solid
Percent Solid: 94
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	31	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

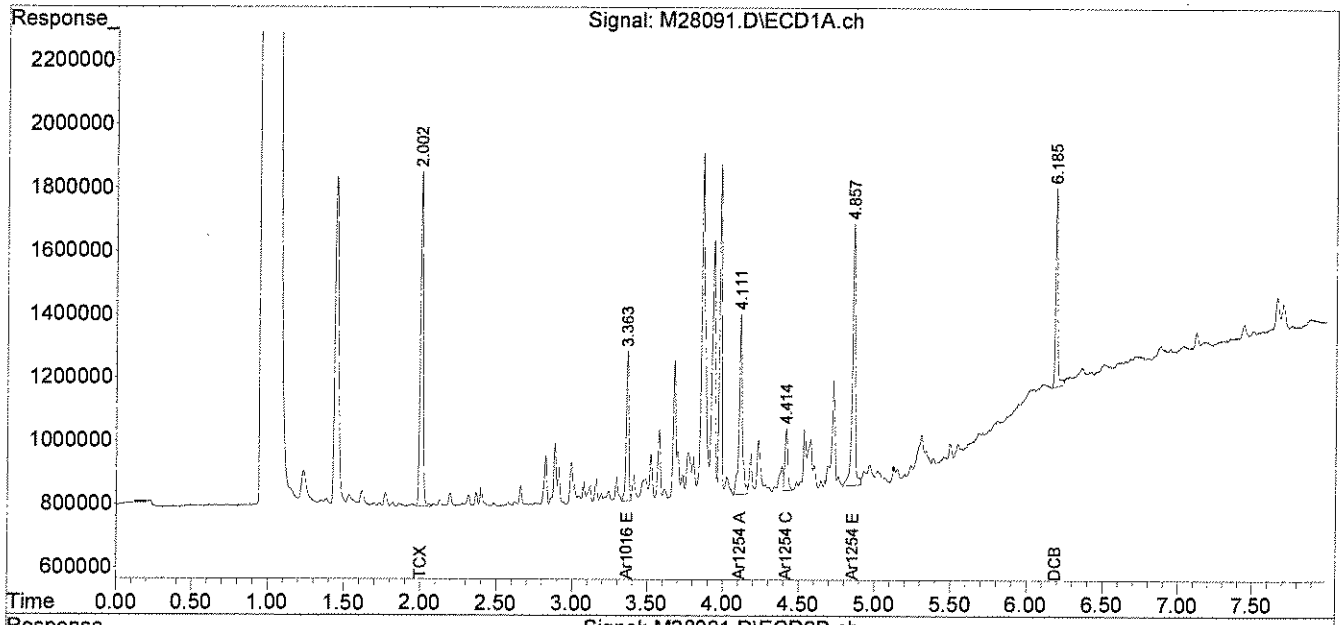
Quantitation Report (Not Reviewed)

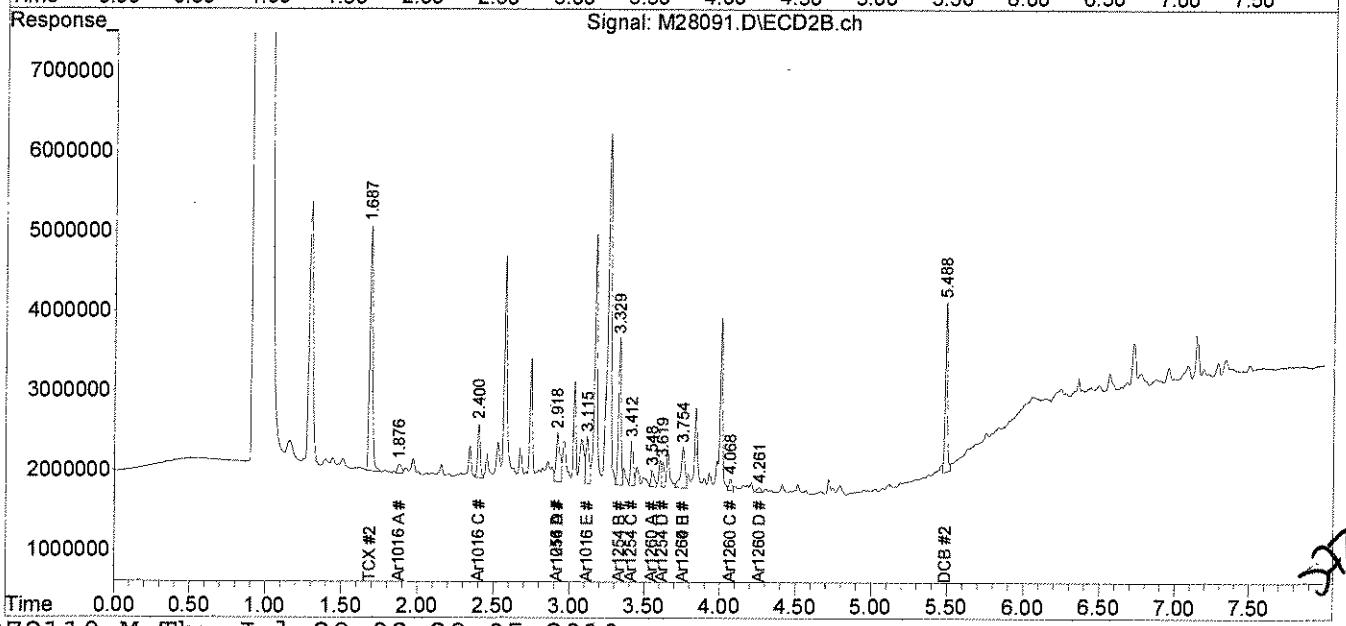
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:28 pm
Operator : JK
Sample : 67343-6,1:10,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:09 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JR 7/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-069

Lab Sample ID: 67343-7
Matrix: Solid
Percent Solid: 94
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

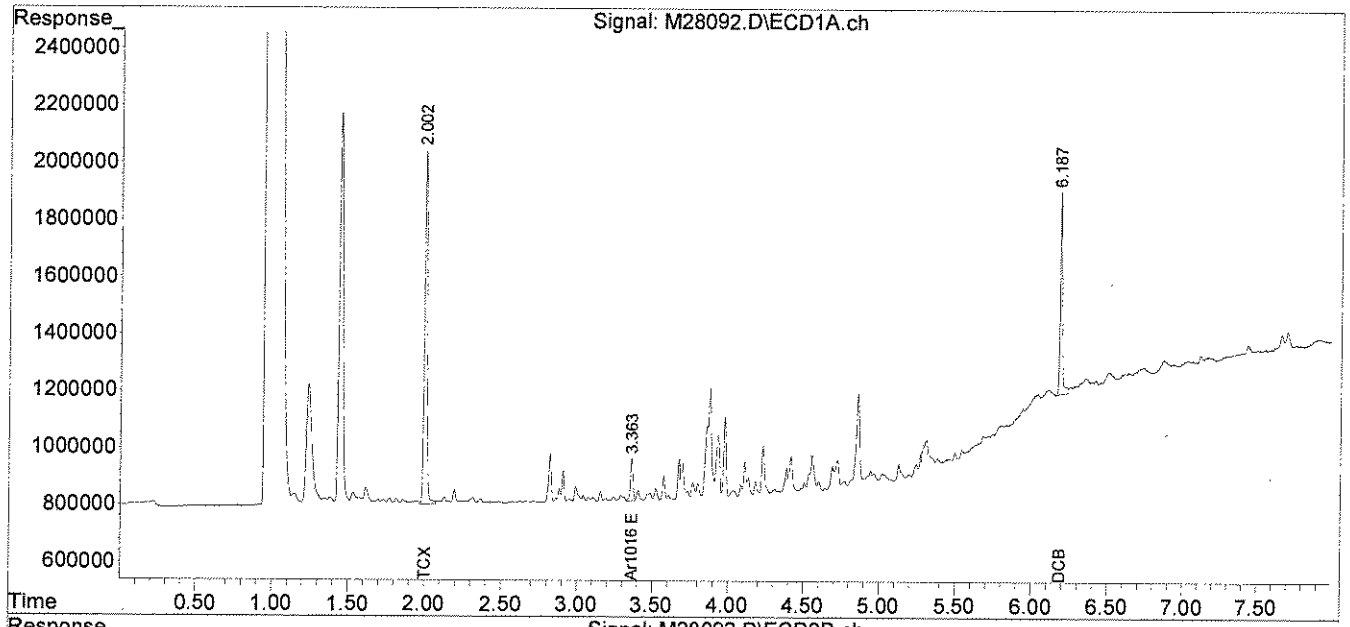
Quantitation Report (Not Reviewed)

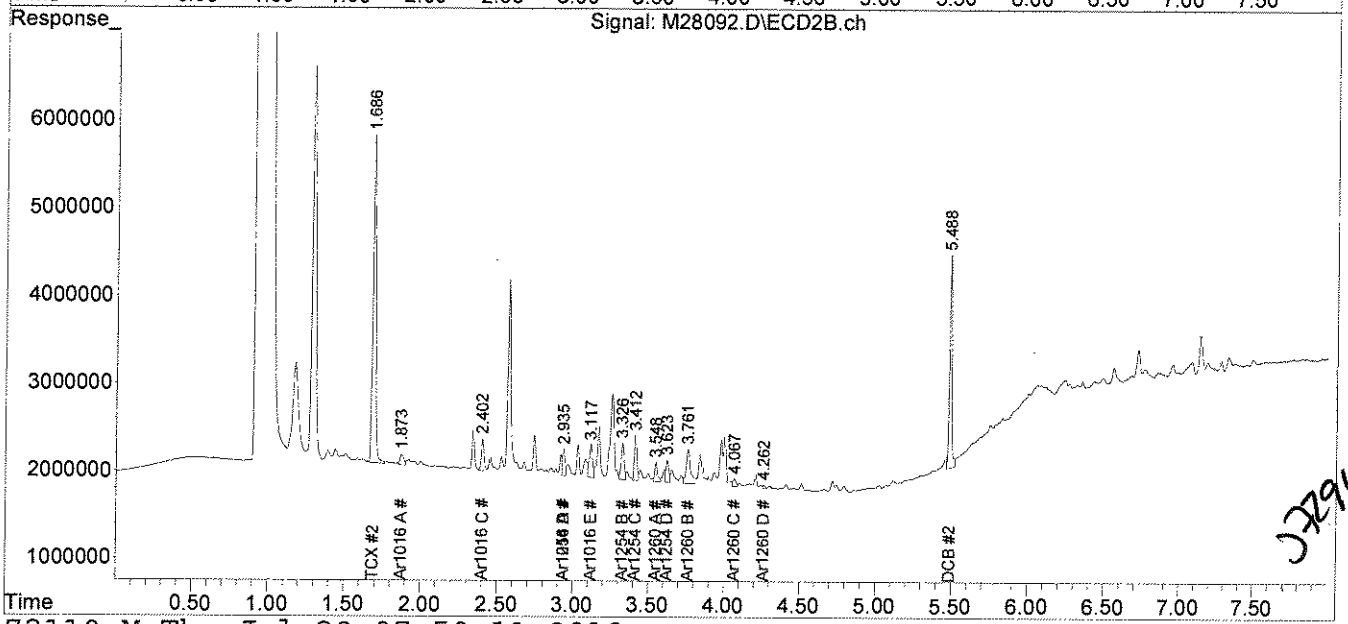
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:38 pm
Operator : JK
Sample : 67343-7,1:10,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:11 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JL 07.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-070

SAMPLE DATA

Lab Sample ID: 67343-8
Matrix: Solid
Percent Solid: 93
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	39	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

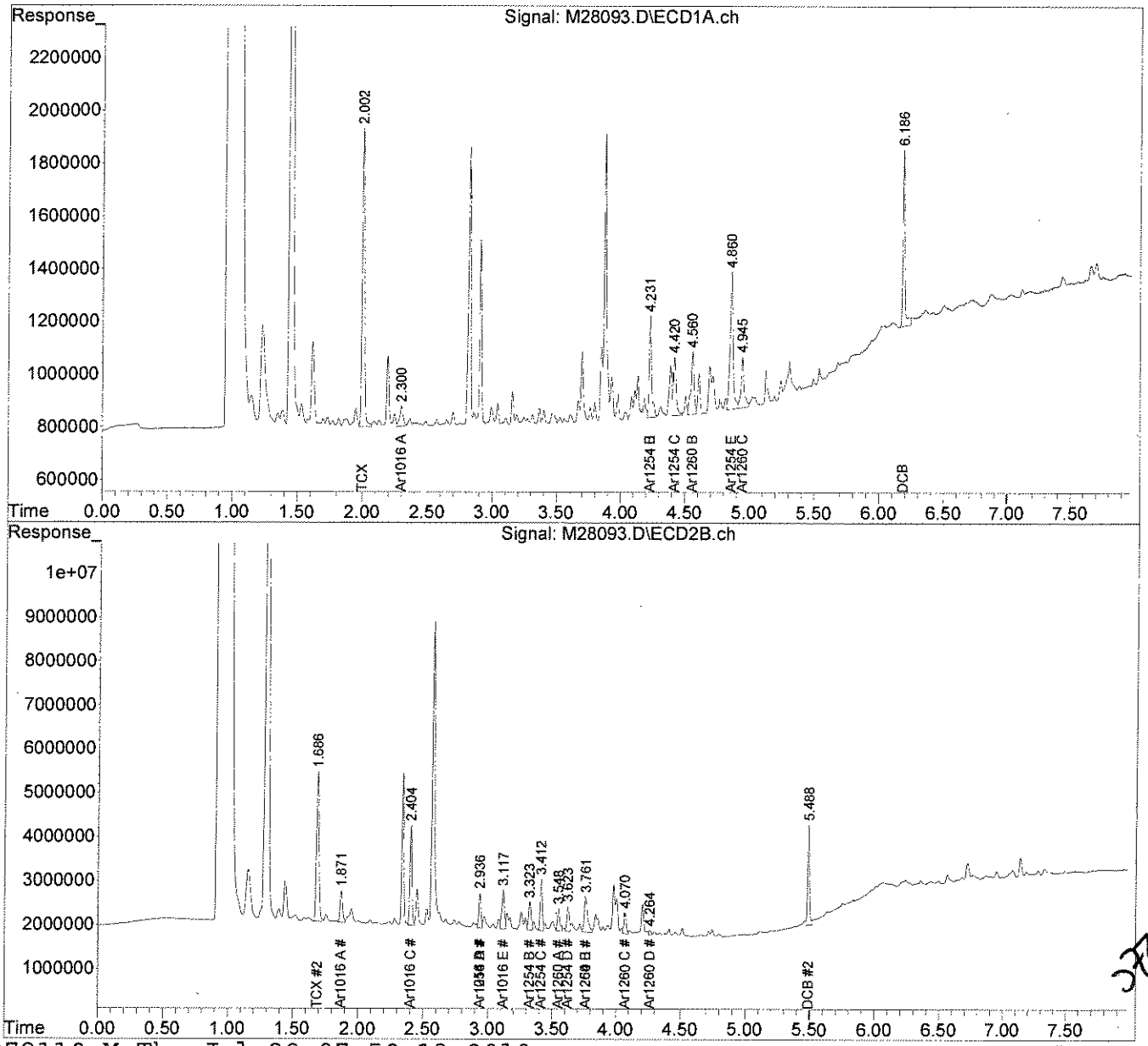
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:48 pm
Operator : JK
Sample : 67343-8,1:10,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:13 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



37290

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-071

SAMPLE DATA

Lab Sample ID: 67343-9
Matrix: Solid
Percent Solid: 93
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	41	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

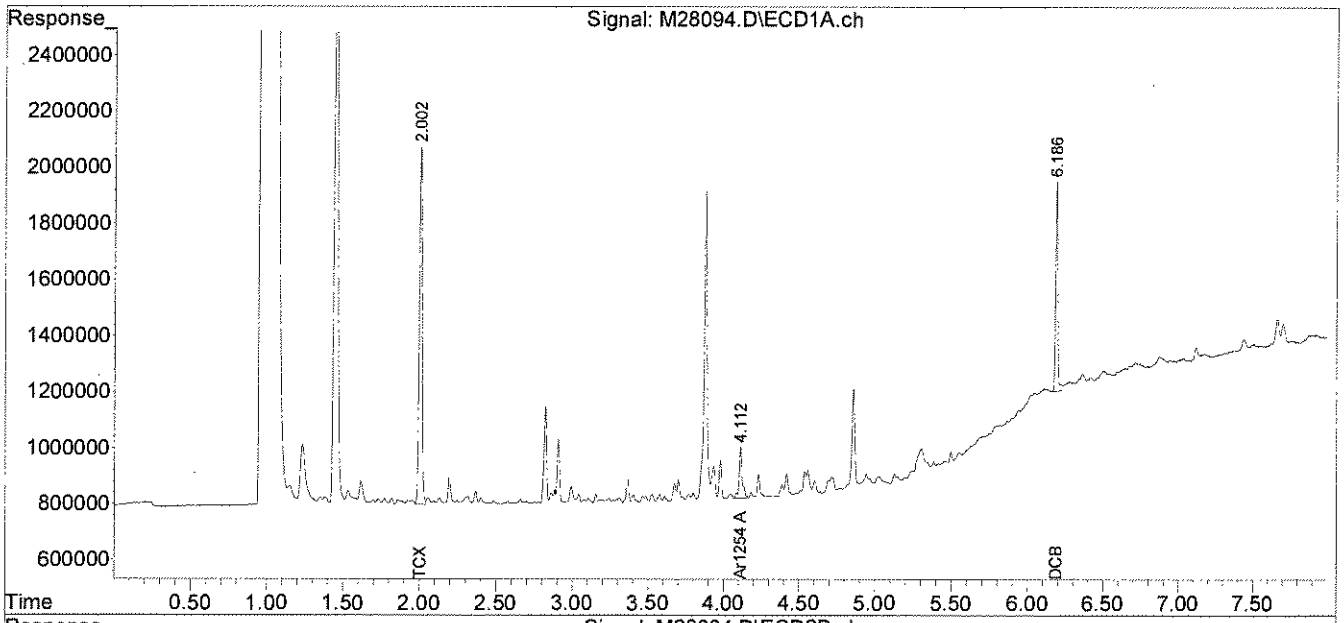
Quantitation Report (Not Reviewed)

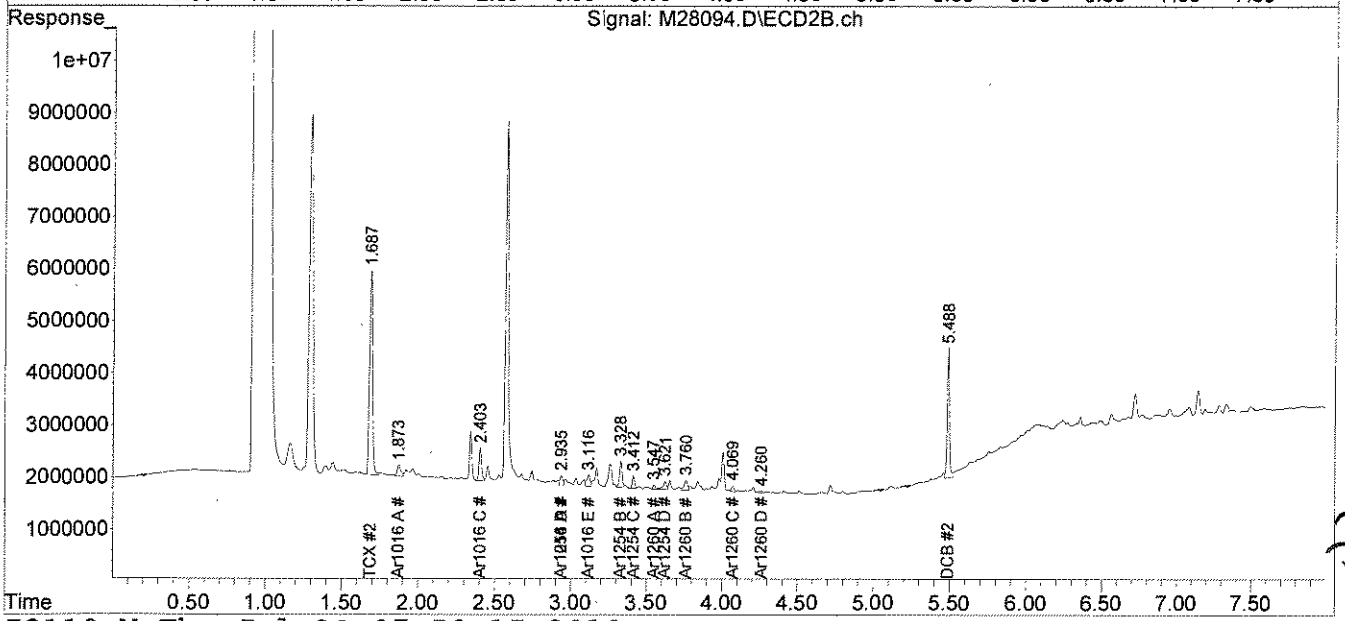
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 4:58 pm
Operator : JK
Sample : 67343-9,1:10,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:15 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JJ 7/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-072

Lab Sample ID: 67343-10
Matrix: Solid
Percent Solid: 94
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	33	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

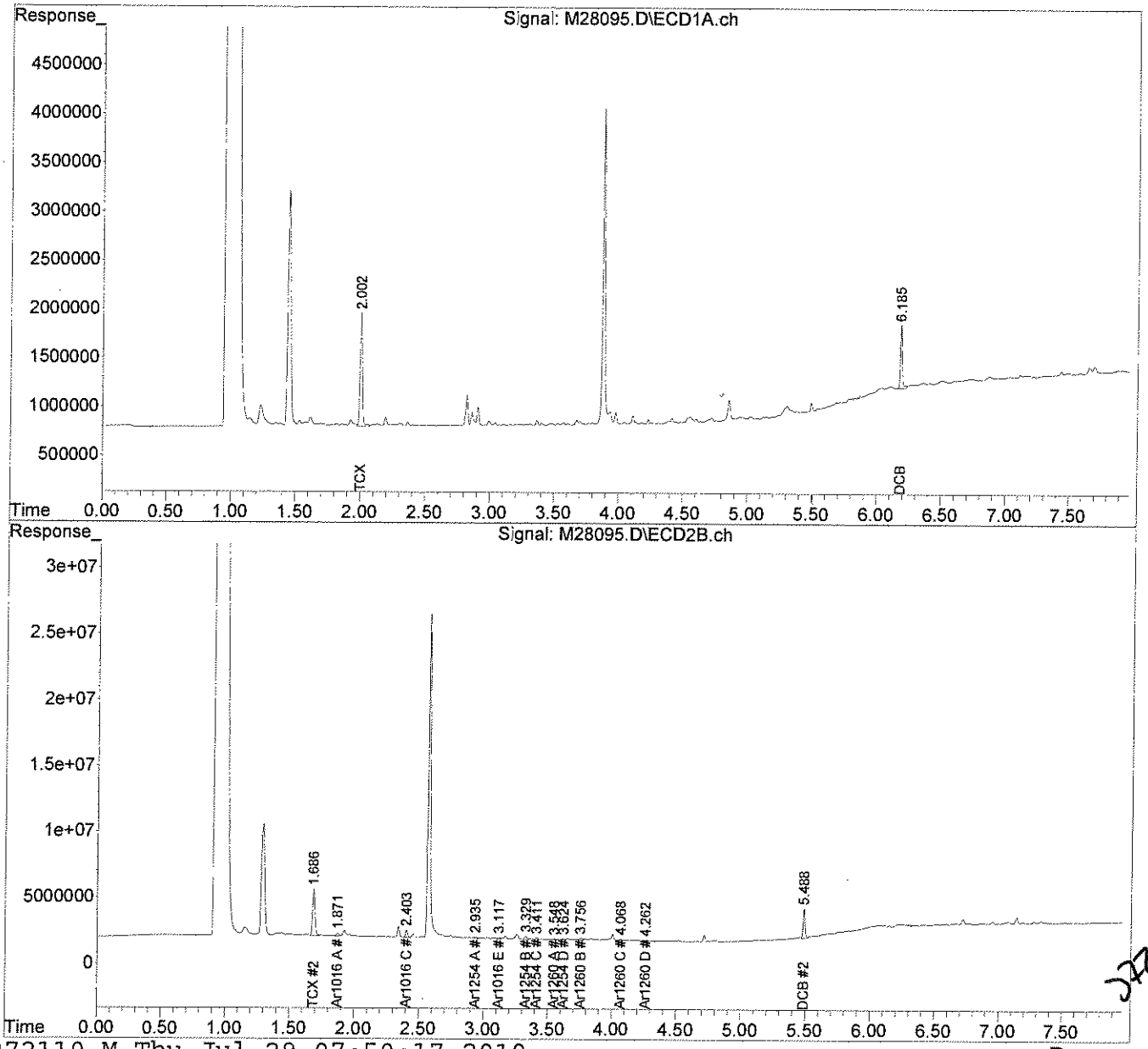
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 5:09 pm
Operator : JK
Sample : 67343-10,1:10,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:17 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



JR 7.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-073

SAMPLE DATA

Lab Sample ID: 67343-11
Matrix: Solid
Percent Solid: 92
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	39	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

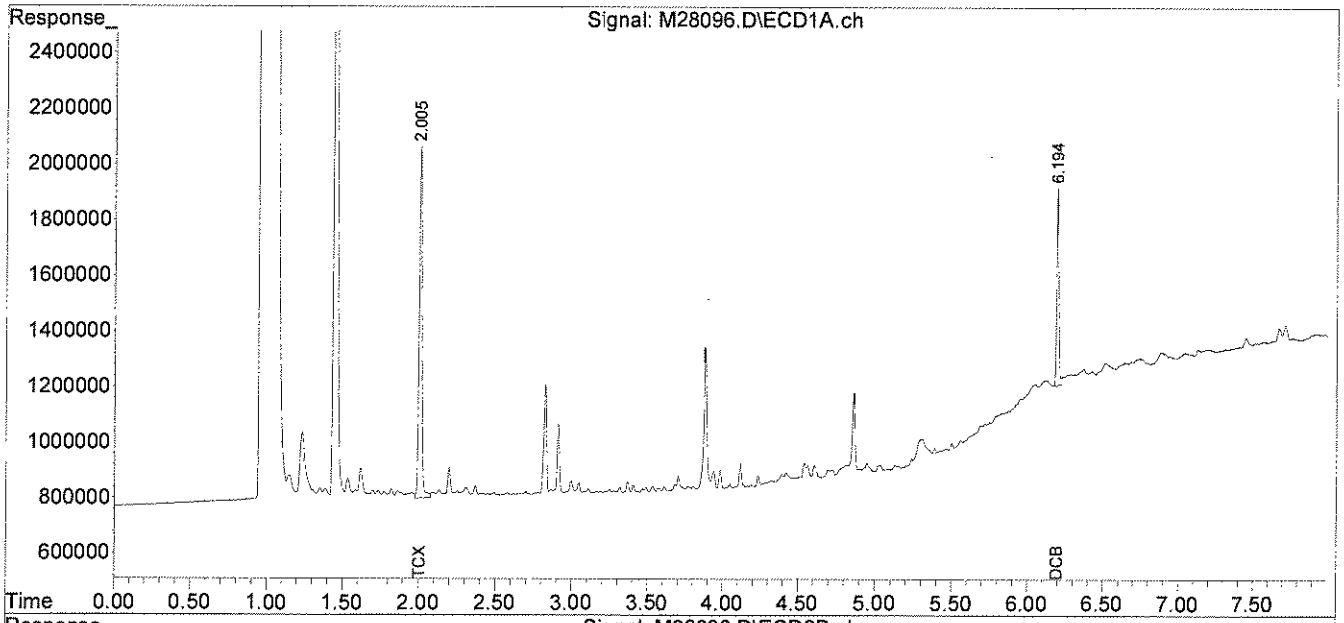
PCB EXT Report

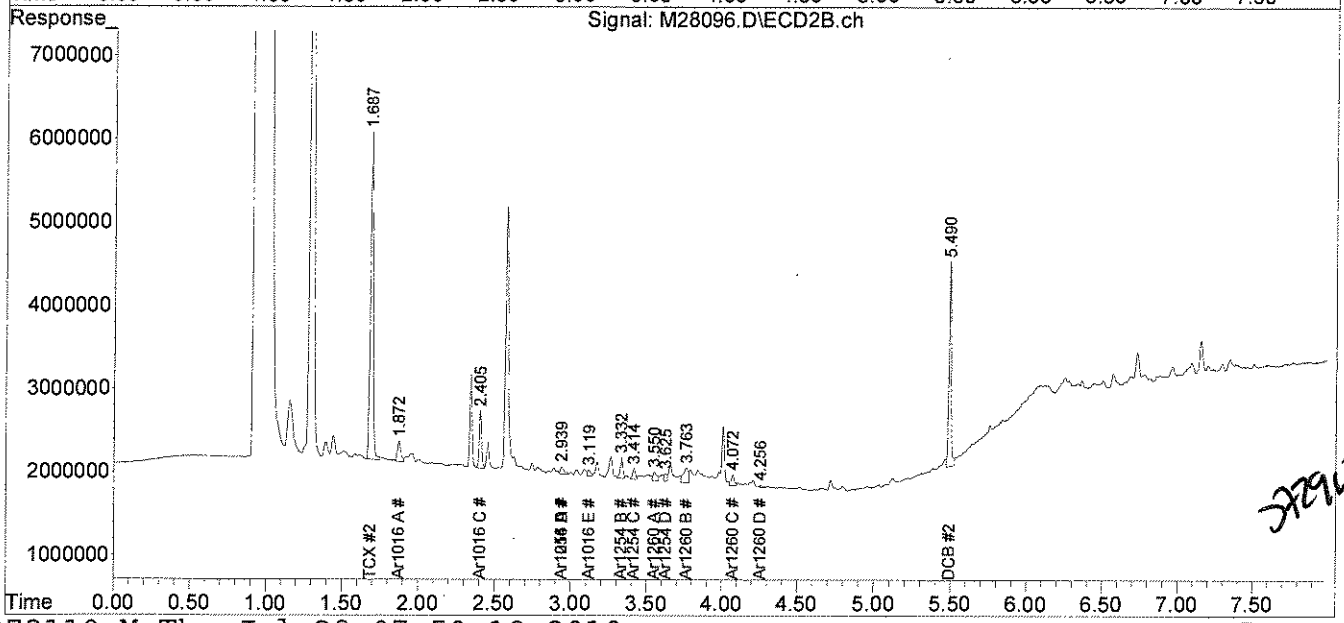
Authorized signature

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 5:24 pm
Operator : JK
Sample : 67343-11,1:10,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:19 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-074

SAMPLE DATA

Lab Sample ID: 67343-12
Matrix: Solid
Percent Solid: 93
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	30	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

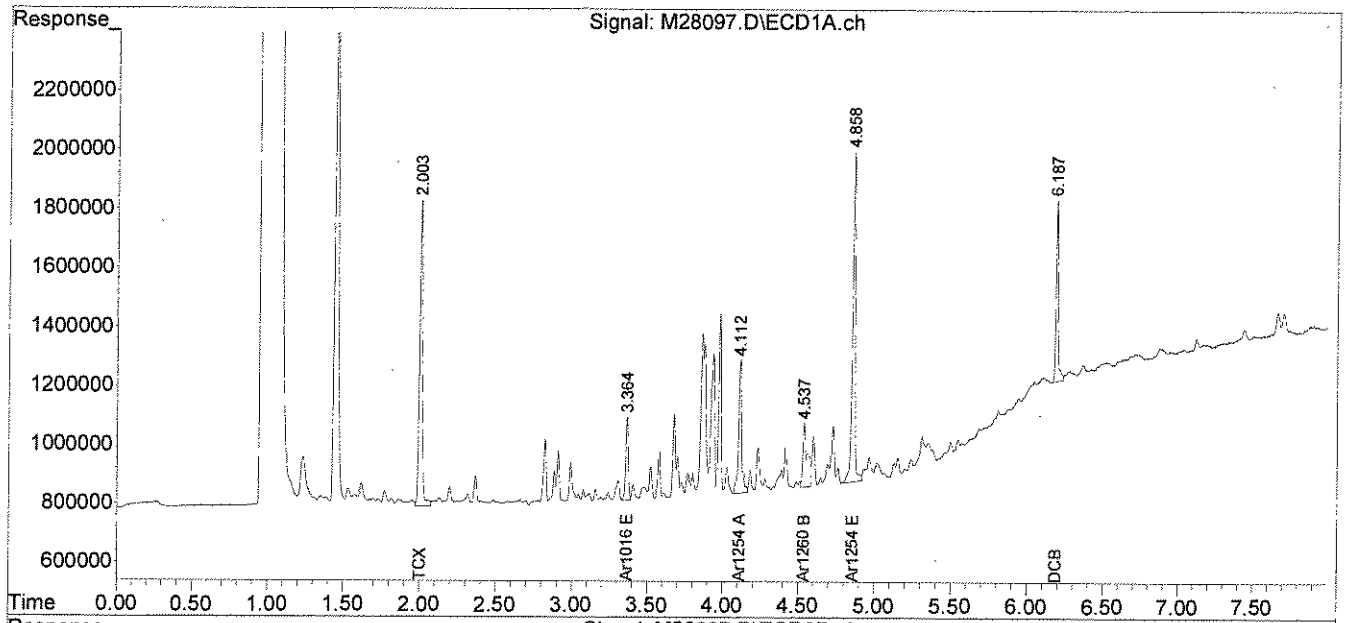
Quantitation Report (Not Reviewed)

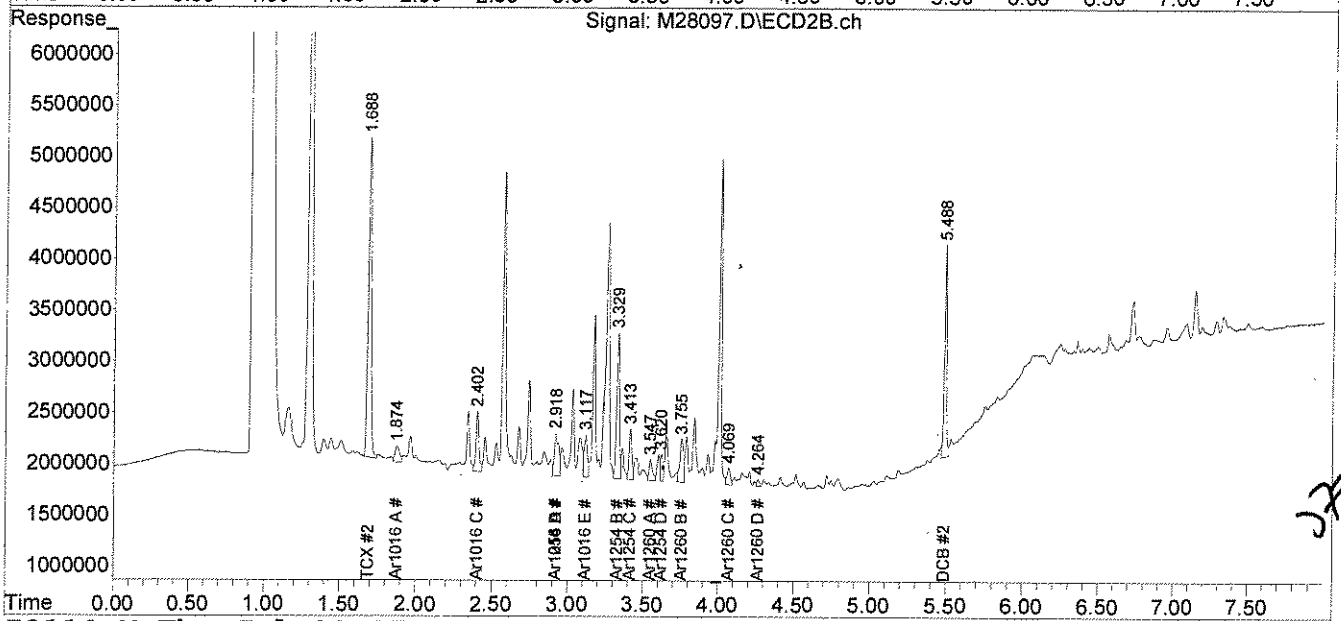
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 5:34 pm
Operator : JK
Sample : 67343-12,1:10,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JZ 7/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-075

SAMPLE DATA

Lab Sample ID: 67343-13
Matrix: Solid
Percent Solid: 94
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	42	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

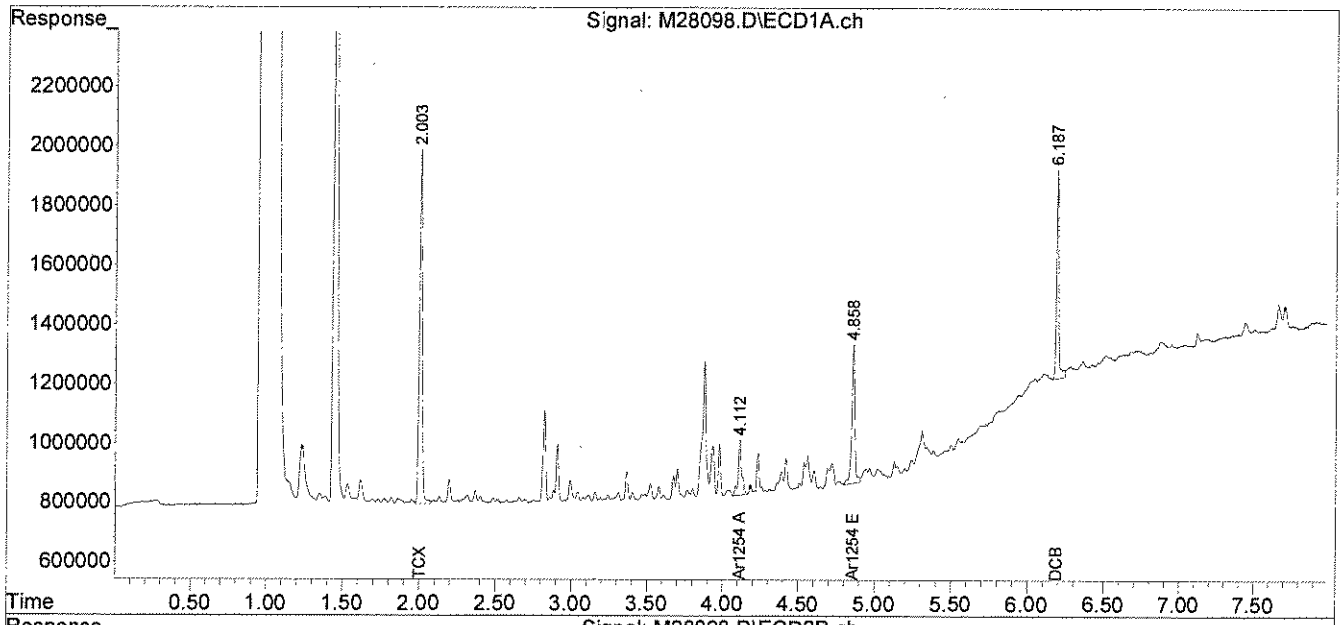
Quantitation Report (Not Reviewed)

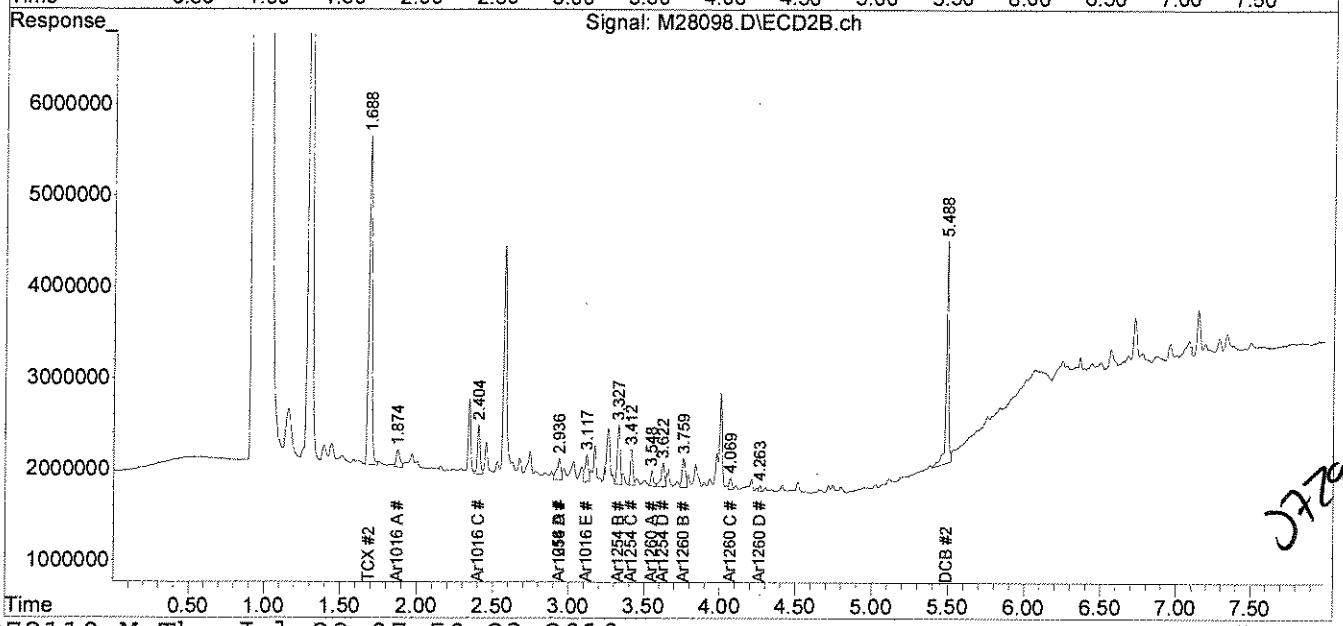
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 5:44 pm
Operator : JK
Sample : 67343-13,1:10,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:23 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

UL
07-29-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





J72910

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-076

SAMPLE DATA

Lab Sample ID: 67343-14
Matrix: Solid
Percent Solid: 94
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	39	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

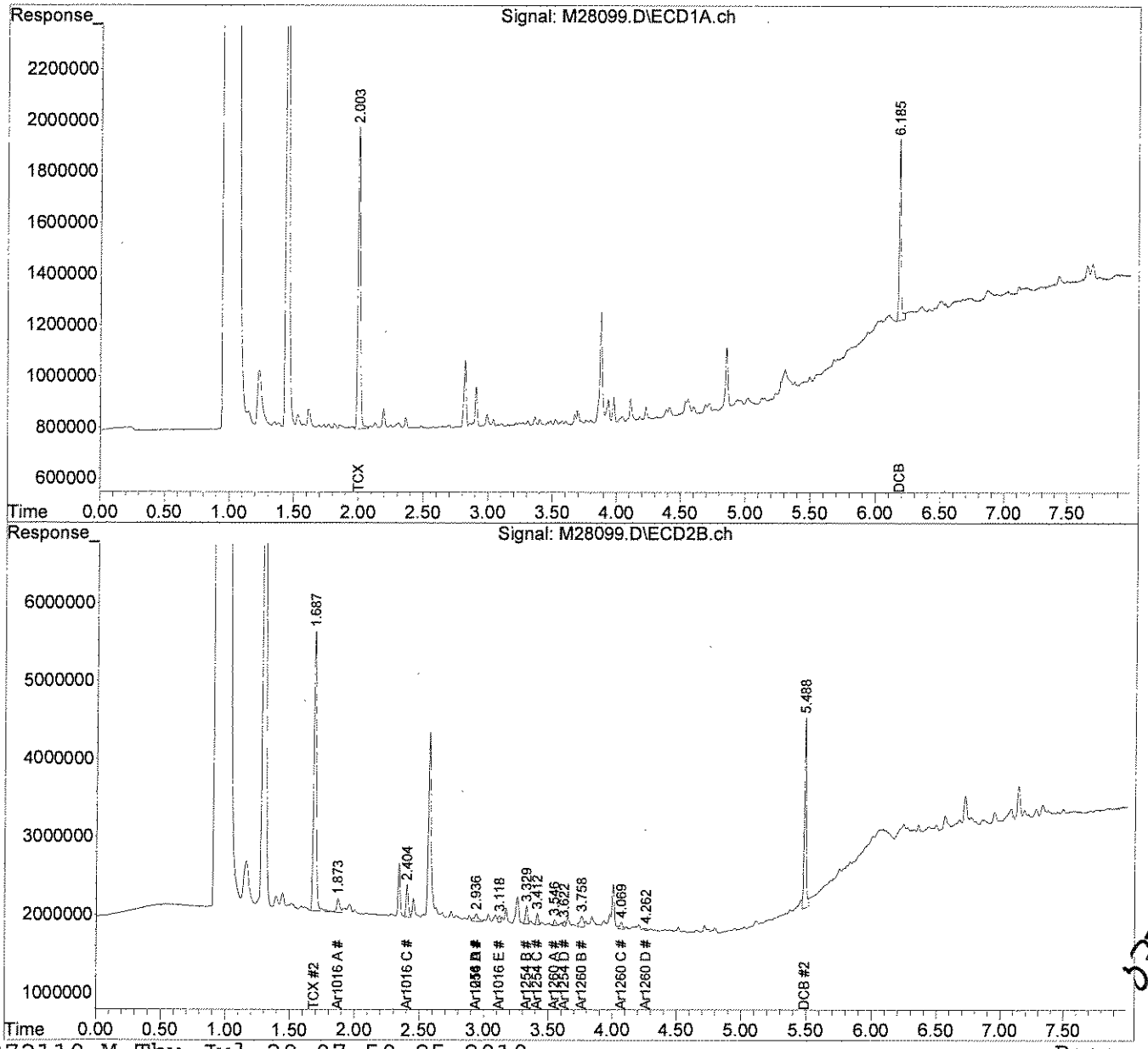
Authorized signature

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 5:55 pm
Operator : JK
Sample : 67343-14,1:10,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:25 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



07.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-077

SAMPLE DATA

Lab Sample ID: 67343-15
Matrix: Solid
Percent Solid: 91
Dilution Factor: 11
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	360	U
PCB-1221	360	U
PCB-1232	360	U
PCB-1242	360	U
PCB-1248	360	U
PCB-1254	360	U
PCB-1260	360	U
PCB-1262	360	U
PCB-1268	360	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	101	%
Decachlorobiphenyl	35	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

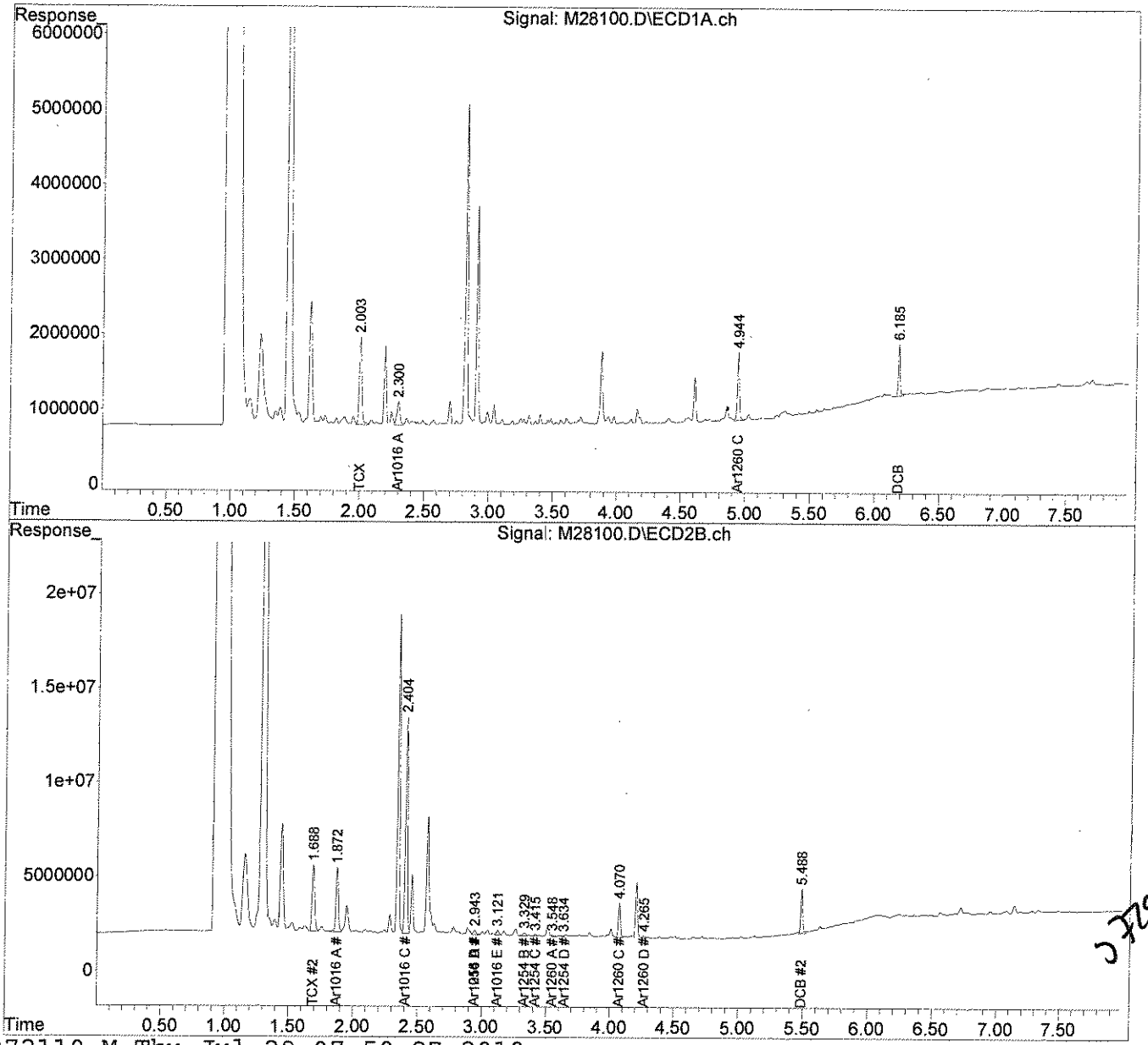
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:05 pm
Operator : JK
Sample : 67343-15,1:10,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:27 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JZ 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



JZ 7.29.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBA-078

SAMPLE DATA

Lab Sample ID: 67343-16
Matrix: Solid
Percent Solid: 93
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	39	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

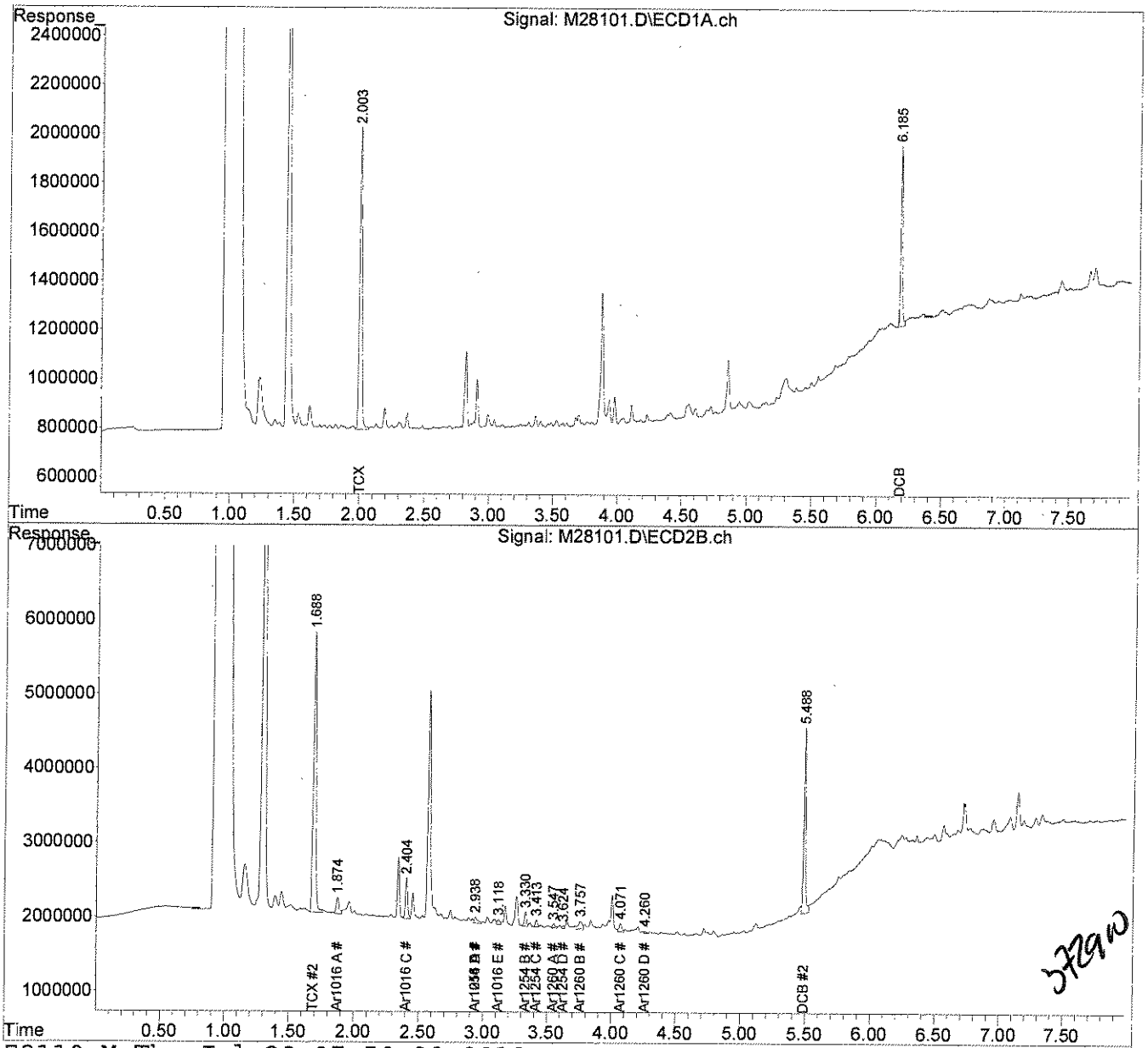
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:15 pm
Operator : JK
Sample : 67343-16,1:10,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

R 07-29-10



37490

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBS-079

SAMPLE DATA

Lab Sample ID: 67343-17
Matrix: Solid
Percent Solid: 84
Dilution Factor: 12
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	400	U
PCB-1221	400	U
PCB-1232	400	U
PCB-1242	400	U
PCB-1248	400	U
PCB-1254	400	U
PCB-1260	400	U
PCB-1262	400	U
PCB-1268	400	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	104	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

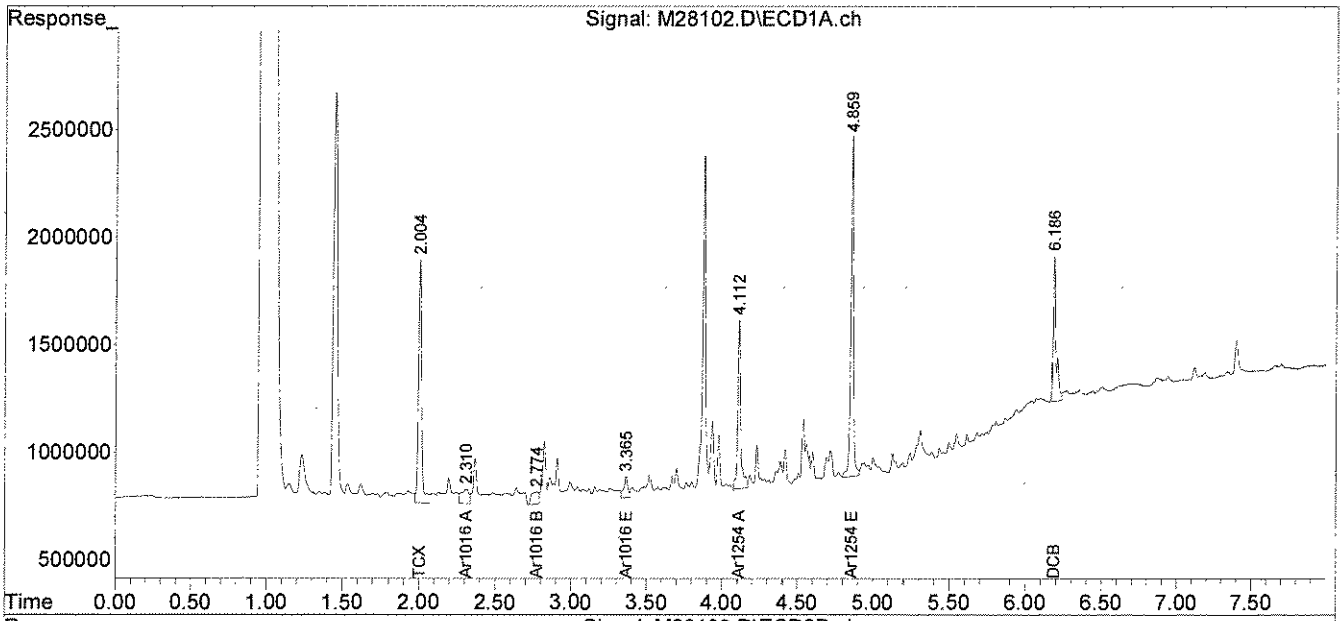
Authorized signature

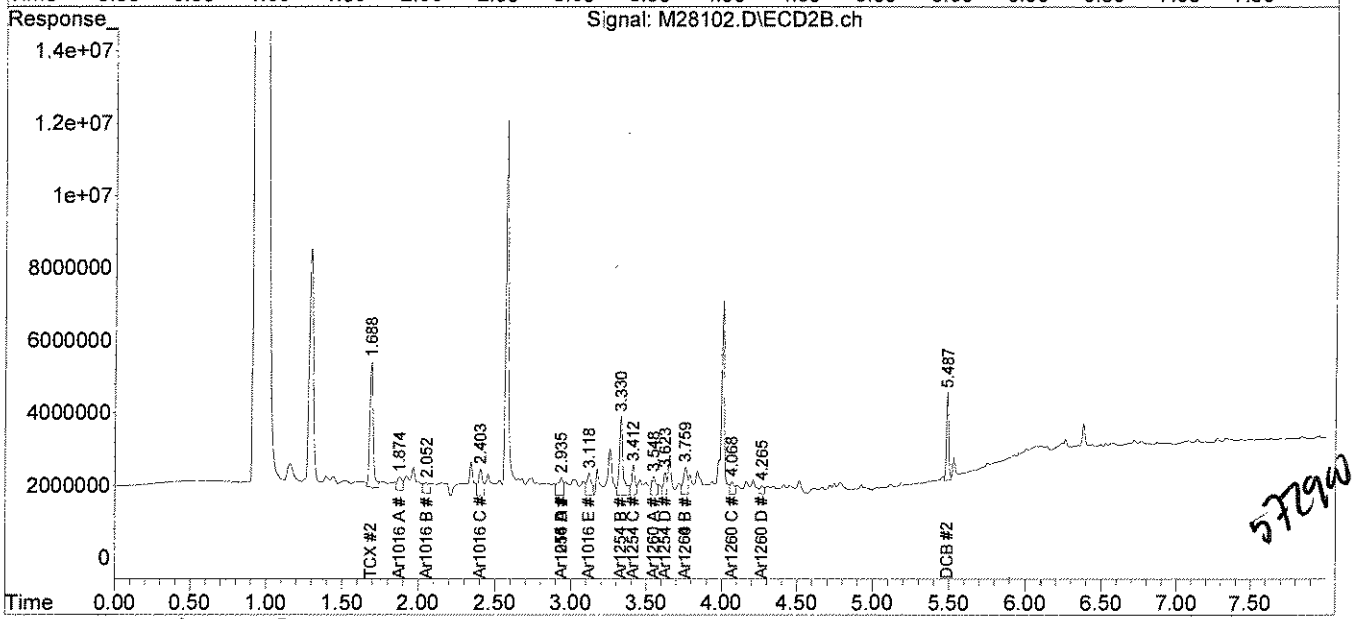
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:25 pm
Operator : JK
Sample : 67343-17,1:10,,A/C
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JR 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





57290

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-080

SAMPLE DATA

Lab Sample ID: 67343-18
Matrix: Solid
Percent Solid: 96
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	123	%
Decachlorobiphenyl	58	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

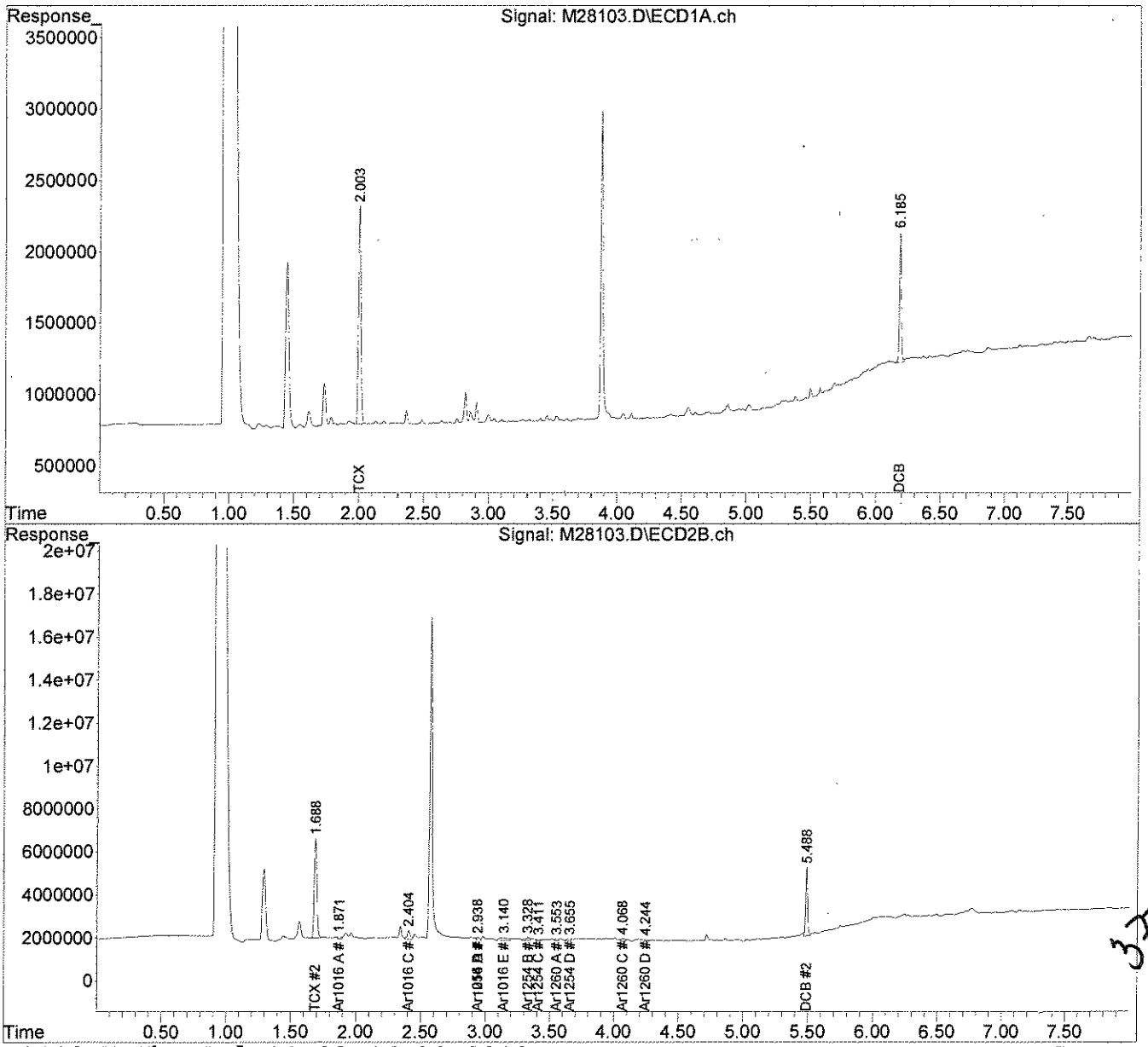
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:36 pm
Operator : JK
Sample : 67343-18,1:10,,A/C
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 08:46:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



3729W

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-081

SAMPLE DATA

Lab Sample ID: 67343-19
Matrix: Solid
Percent Solid: 96
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	34	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

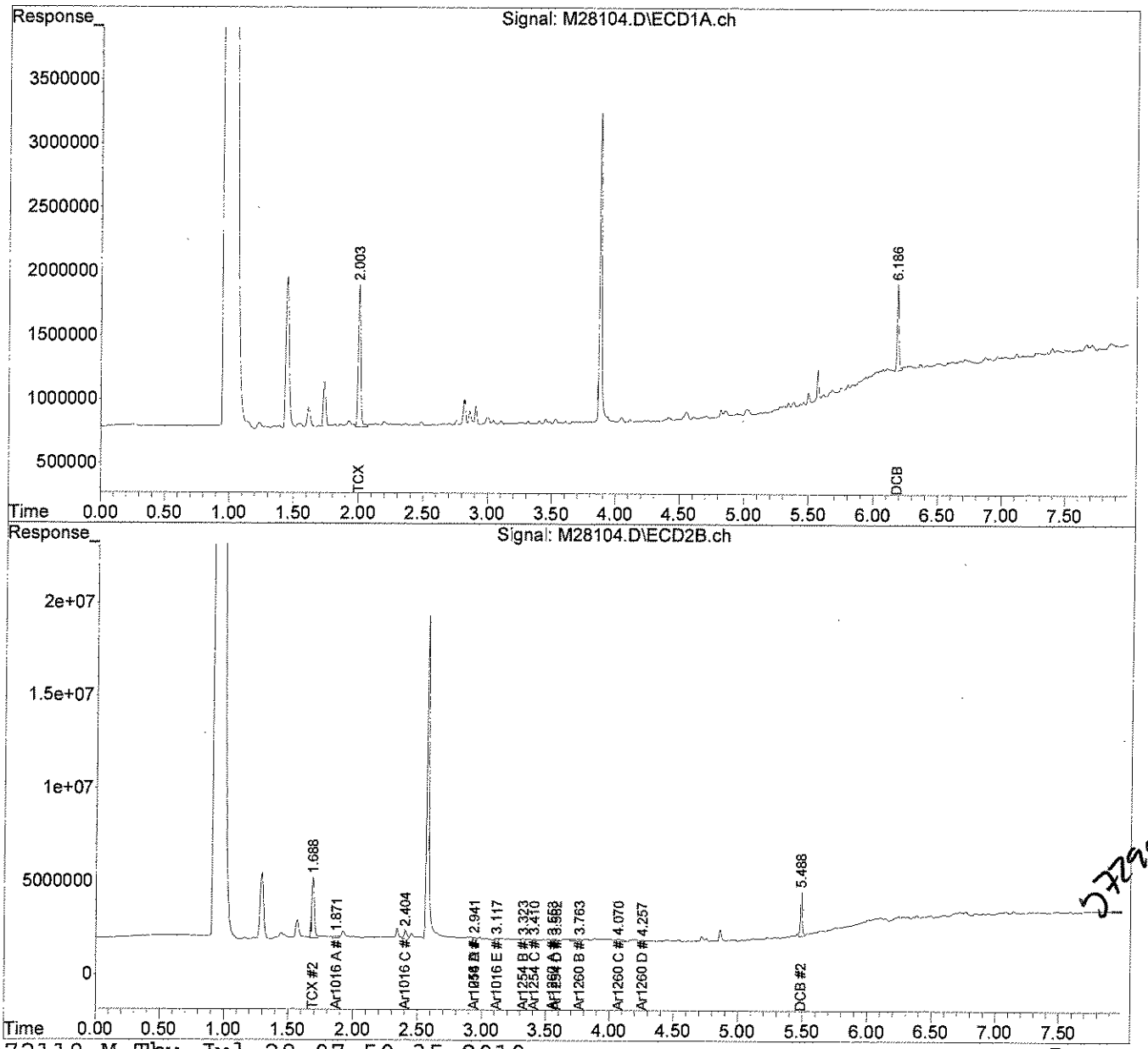
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:46 pm
Operator : JK
Sample : 67343-19,1:10,,A/C
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



5779a

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-082

SAMPLE DATA

Lab Sample ID: 67343-20
Matrix: Solid
Percent Solid: 98
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	30	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Results are expressed on a dry weight basis.

PCB EXT Report

Authorized signature

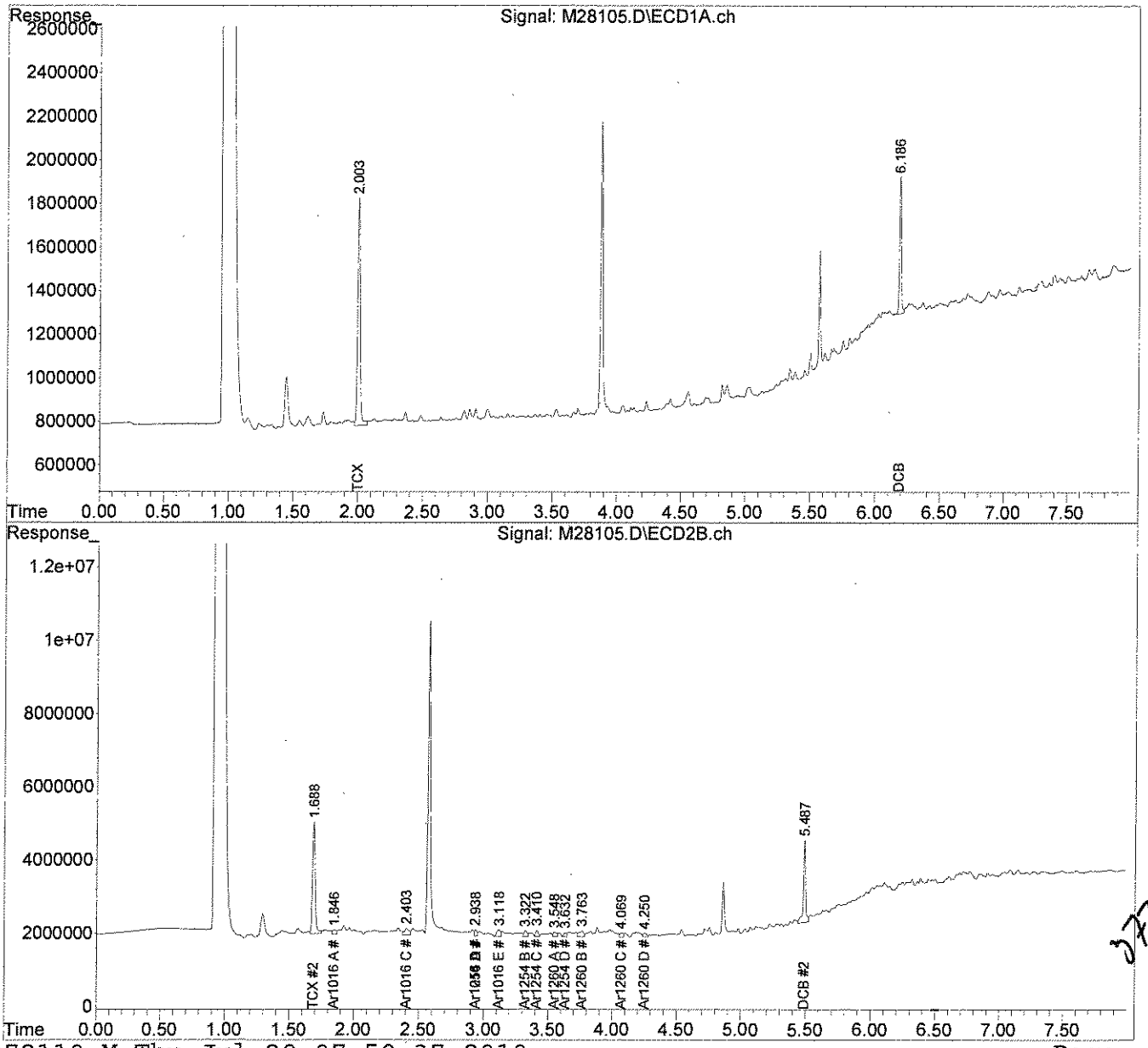
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 6:56 pm
Operator : JK
Sample : 67343-20,1:10,,A/C
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 07:50:37 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 072910

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



JL 072910

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-083

SAMPLE DATA

Lab Sample ID: 67343-21
Matrix: Solid
Percent Solid: 96
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	135 *	%
Decachlorobiphenyl	82	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.
* Surrogate recovery outside control limits. Secondary surrogate is in control. The closing continuing calibration standard had low recovery for surrogate Decachlorobiphenyl.

PCB EXT Report

Authorized signature

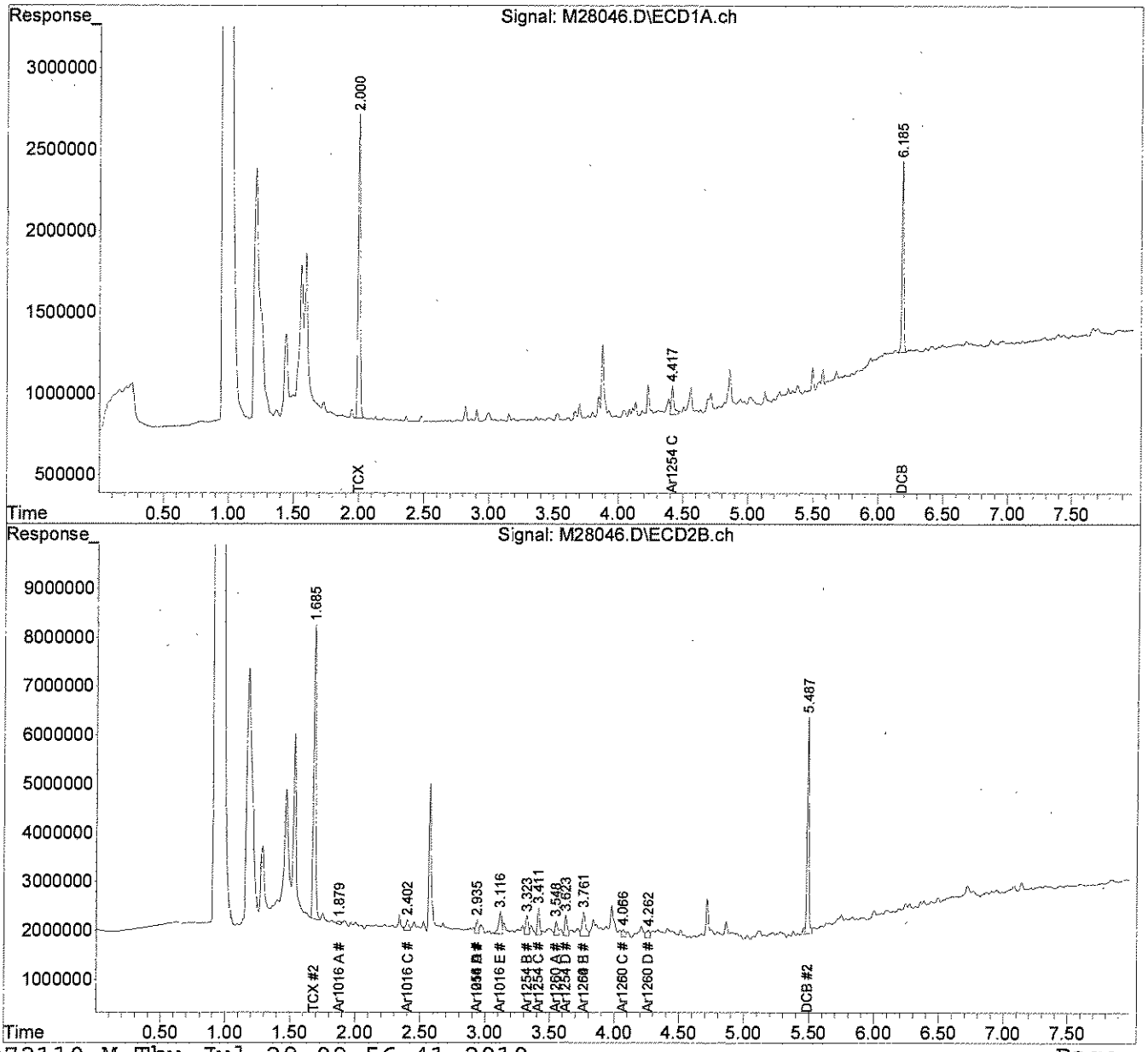
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M28046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 11:06 pm
Operator : JK
Sample : 67343-21,1:10,,A/C
Misc : SOIL
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 09:56:35 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-084

SAMPLE DATA

Lab Sample ID: 67343-22
Matrix: Solid
Percent Solid: 97
Dilution Factor: 10
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	U
PCB-1260	330	U
PCB-1262	330	U
PCB-1268	330	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	126	%
Decachlorobiphenyl	63	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recovery for surrogate Decachlorobiphenyl.

PCB EXT Report

Authorized signature

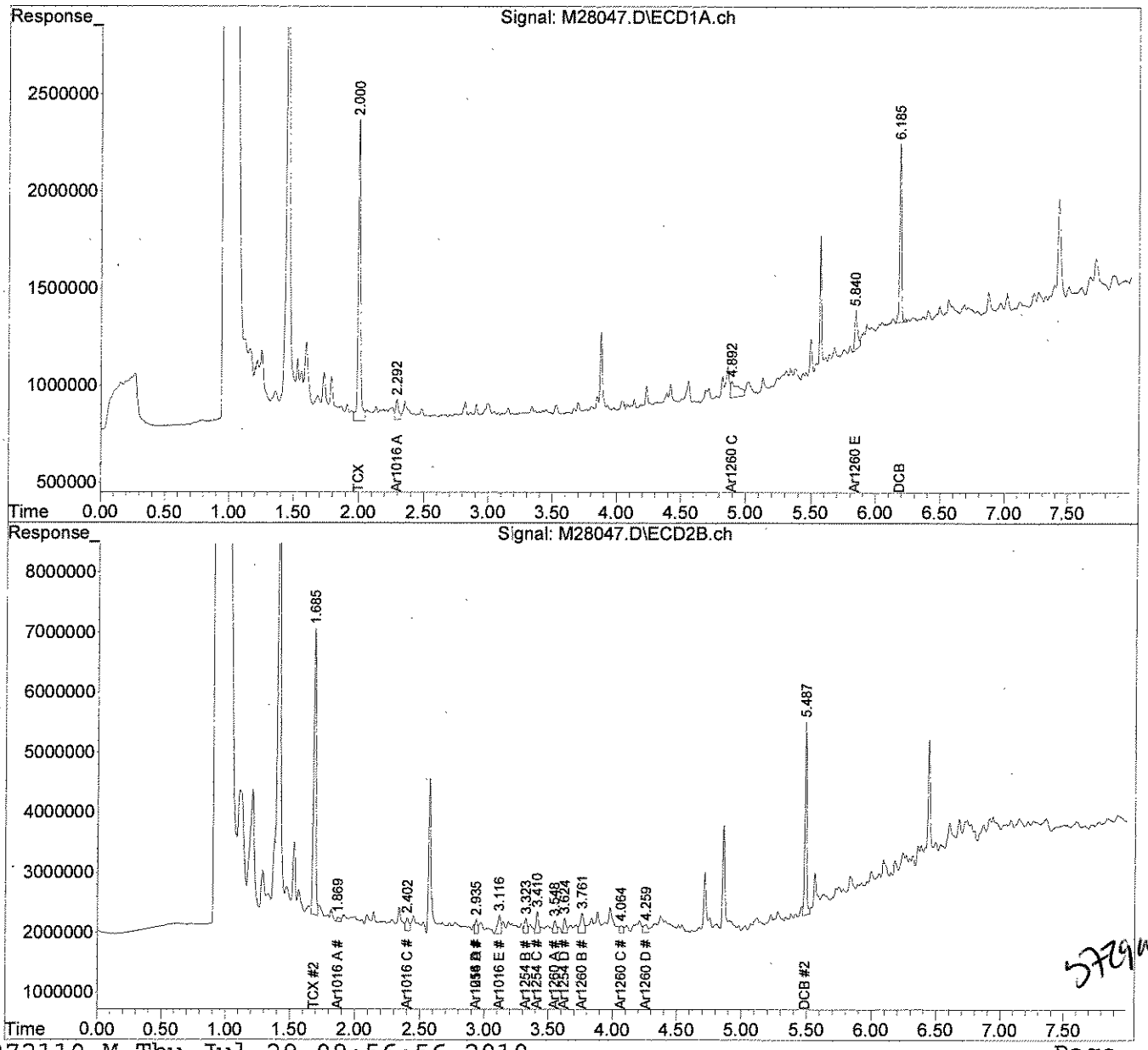
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M28047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 11:16 pm
Operator : JK
Sample : 67343-22,1:10,,A/C
Misc : SOIL
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 09:56:46 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 0729-10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



5729w

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-085

SAMPLE DATA

Lab Sample ID: 67343-23
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recovery for surrogate Decachlorobiphenyl.

PCB EXT Report

Authorized signature

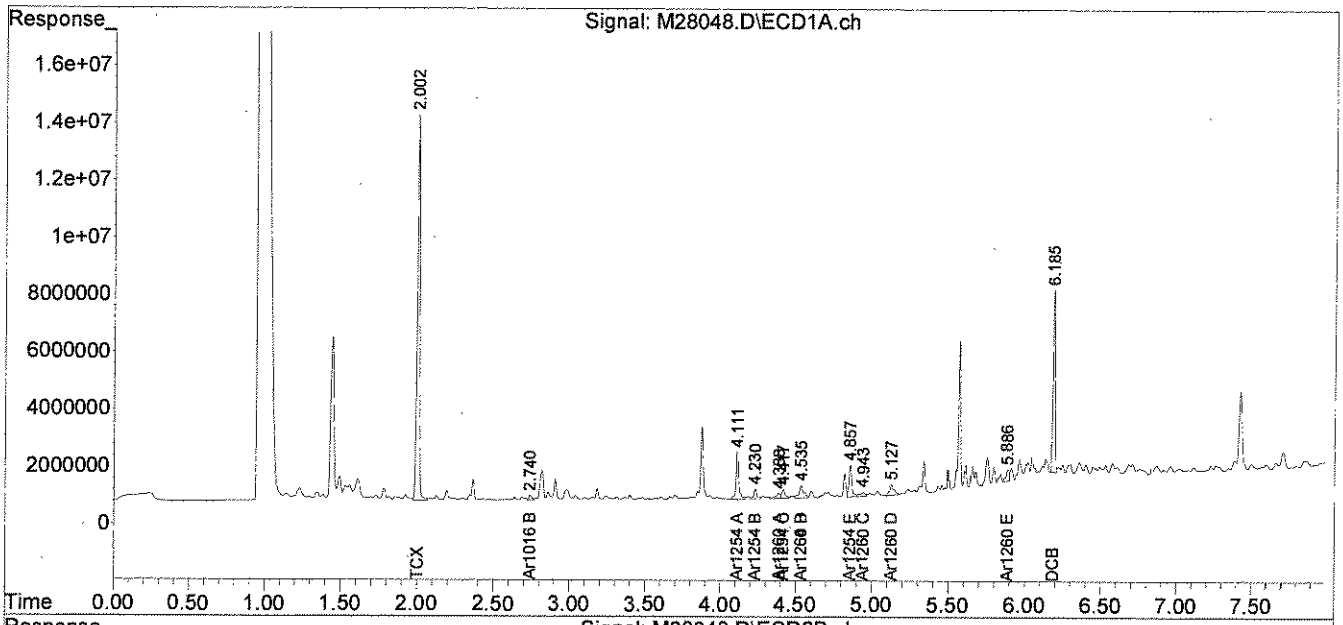
Quantitation Report (Not Reviewed)

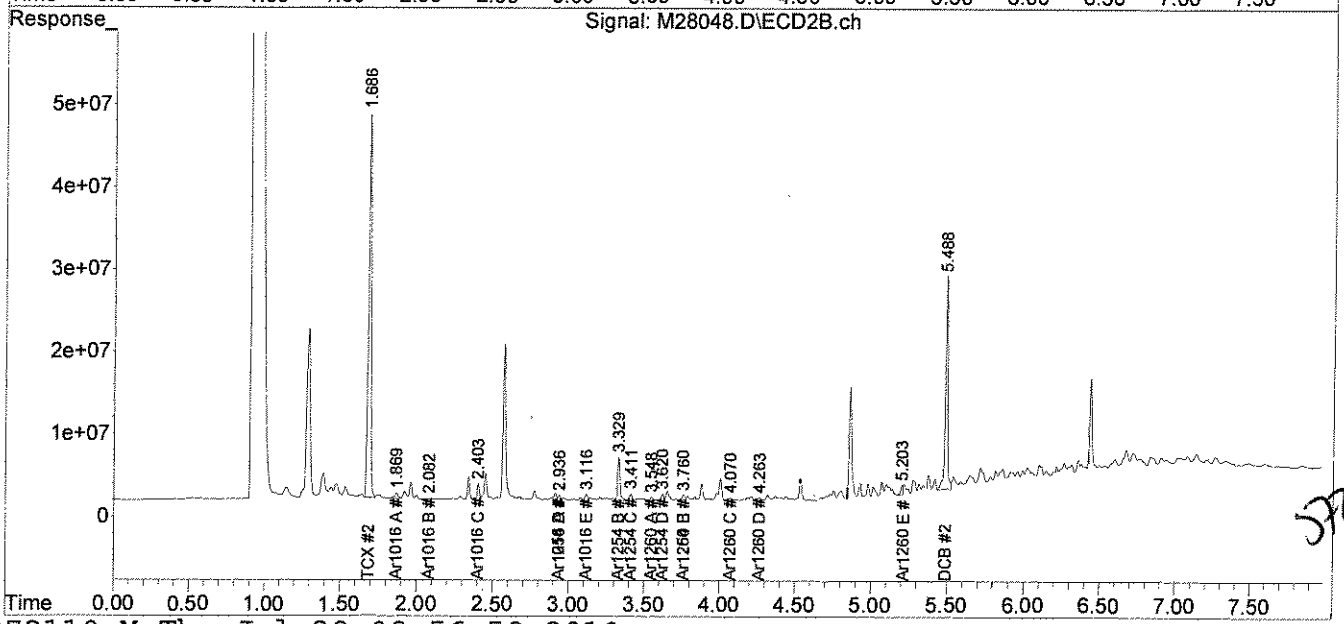
Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M28048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 11:26 pm
Operator : JK
Sample : 67343-23,,A/C
Misc : SOIL
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 09:56:59 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





JP 7/29/10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 29, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VBC-086

SAMPLE DATA

Lab Sample ID: 67343-24
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 07/26/10
Lab Receipt Date: 07/26/10
Extraction Date: 07/26/10
Analysis Date: 07/27/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
PCB-1262	33	U
PCB-1268	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	85	%
Decachlorobiphenyl	54	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis. The closing continuing calibration standard had low recovery for surrogate Decachlorobiphenyl.

PCB EXT Report

Authorized signature

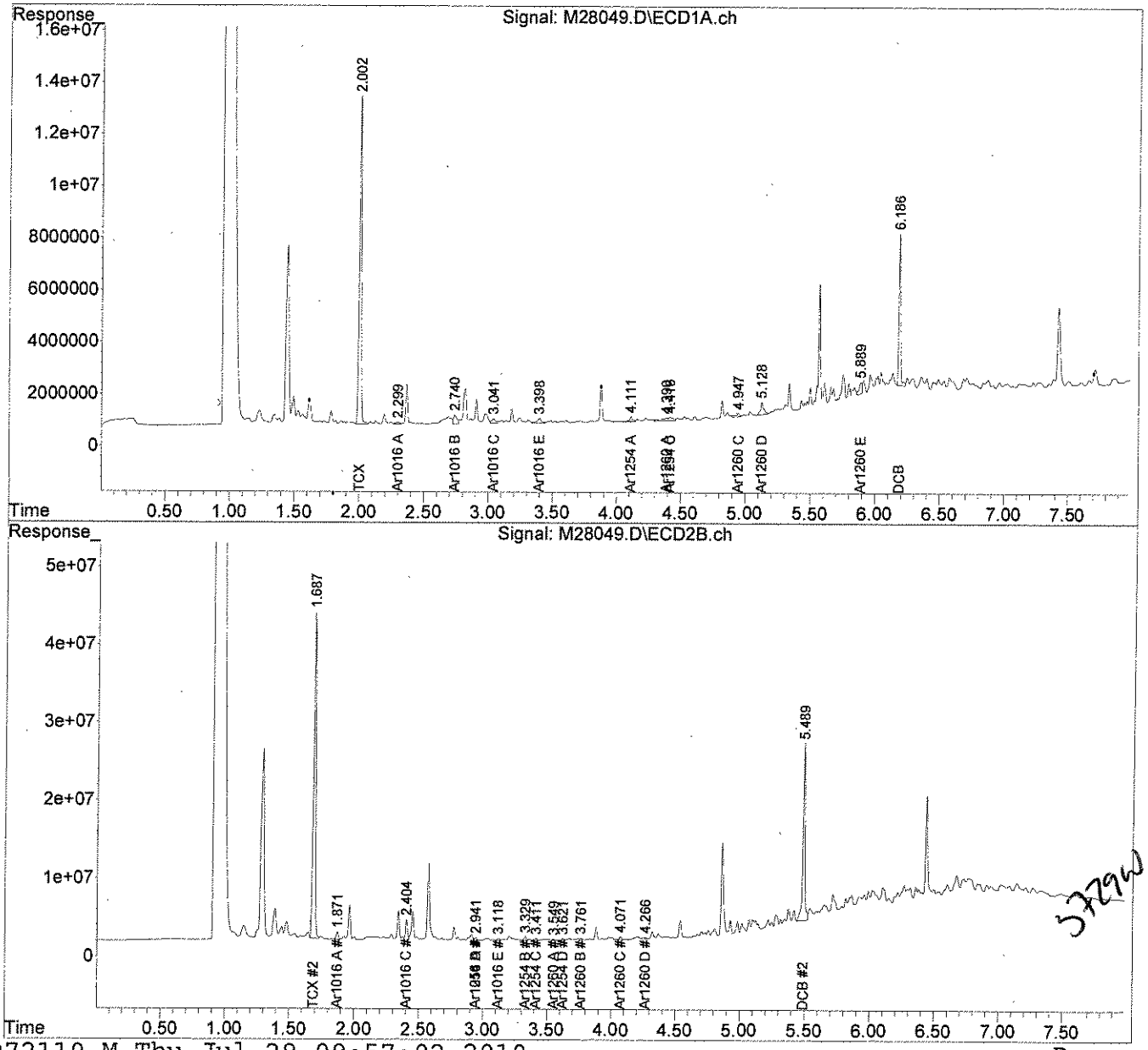
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072710-M\
Data File : M28049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2010 11:37 pm
Operator : JK
Sample : 67343-24,,A/C
Misc : SOIL
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 09:57:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:29 2010
Response via : Initial Calibration
Integrator: ChemStation

07.29.11

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



37290

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67343

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072610PSOX2,,A/C	93		73		87		70	
L072610PSOX2,,A/C	89		77		88		71	
LD072610PSOX2,,A/C	90		76		89		73	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67343

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072610PSOX,,A/C	80		77		80		73	
L072610PSOX,,A/C	89		76		87		74	
LD072610PSOX,,A/C	92		77		91		75	
67343-1,1:10,,A/C	101		49		98		54	
67343-2,1:10,,A/C	96		50		94		51	
67343-3,1:10,,A/C	97		50		94		50	
67343-4,1:10,,A/C	94		41		91		46	
67343-5,1:10,,A/C	98		41		97		50	
67343-6,1:10,,A/C	84		31		82		40	
67343-7,1:10,,A/C	98		41		96		46	
67343-8,1:10,,A/C	92		39		90		42	
67343-9,1:10,,A/C	102		41		100		47	
67343-10,1:10,,A/C	92		33		89		42	
67343-11,1:10,,A/C	101		39		99		46	
67343-12,1:10,,A/C	89		30		85		39	
67343-13,1:10,,A/C	99		42		97		50	
67343-14,1:10,,A/C	99		39		99		46	
67343-15,1:10,,A/C	101		35		94		44	
67343-16,1:10,,A/C	103		39		102		48	
67343-17,1:10,,A/C	104		58		100		44	
67343-18,1:10,,A/C	123		58		118		59	
67343-19,1:10,,A/C	95		34		89		45	
67343-20,1:10,,A/C	90		30		86		49	

	Lower Limit	Upper Limit
SMC #1 = TCX	30	150
SMC #2 = DCB	30	150

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67343

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072610PSOX2,RR,,A/C	105		73		87		78	
67343-21,1:10,,A/C	135	*	82		134	*	82	
67343-22,1:10,,A/C	126		63		111		61	
67343-23,,A/C	90		59		89		53	
67343-24,,A/C	85		54		80		48	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67343

Non-spiked sample: B072610PSOX,,A/C

Spike: L072610PSOX,,A/C

Spike duplicate: LD072610PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	211	106		211	105		0.1	
PCB 1260	200	200	60	130	30	0	209	105		207	104		1.0	
PCB 1016 #2	200	200	65	140	30	0	232	116		229	115		1.3	
PCB 1260 #2	200	200	60	130	30	0	209	105		207	104		1.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67343

Non-spiked sample: B072610PSOX2,,A/C

Spike: L072610PSOX2,,A/C

Spike duplicate: LD072610PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	216	108		217	109		0.7	
PCB 1260	200	200	60	130	30	0	199	100		202	101		1.2	
PCB 1016 #2	200	200	65	140	30	0	253	127		255	128		0.8	
PCB 1260 #2	200	200	60	130	30	0	191	95		196	98		2.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics / environmental laboratory LLC

CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.0
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: JB 7/26/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
SDV-VBA-063	7/21/10	7:50	PCB		X						Asphalt	1	G		67348-1
SDV-VBA-064	7/26/10	7:28													2
SDV-VBA-065		7:31													3
SDV-VBA-066		7:34													4
SDV-VBA-067		7:37													5
SDV-VBA-068		7:40													6
SDV-VBA-069		7:43													7
SDV-VBA-070		7:46													8
SDV-VBA-071		7:49													9
SDV-VBA-072		7:52													10
SDV-VBA-073		7:55													11

Email Results to: awallace@woodardcurran.com; jhamele@woodardcurran.com

Comments / Instructions: SOxNet/8082

Turnaround Time (TAT)
- [ ] 24hr*
- [x] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [x] MCP* [x] Level II*
- [ ] CTRCP* [ ] Level III*
- [ ] DOD* [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [x] MA
- [ ] ME
- [ ] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Received By: Date: 7/26/10 Time: 12:30
Relinquished By Sampler: Amy Wa Date: 7/26/10 Time: 12:30
Relinquished By: Date: Time:
Received By: Date: Time:
Relinquished By: Date: Time:
Received By: Date: Time:
Relinquished By: Date: Time:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5.8
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: JSB 7/26/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard &Curran
Contact: Amy Wallace
Address: 35 New England Business Center Suite 180
Andover, MA 01810
Phone: (978)557-8150 PO# Quote #
Sampler (Signature): amy wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Orinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
SDV-VBA-074	7/26/10	7:58	PCB		X						Asphalt	1	G		67343-12
SDV-VBA-075		8:01													13
SDV-VBA-076		8:04													14
SDV-VBA-077		8:07													15
SDV-VBA-078		8:07													16
SDV-VBS-079		7:05									Soil				17
SDV-VBC-080		8:20									C				18
SDV-VBC-081		8:23									C				19
SDV-VBC-082		8:26									C				20
SDV-VBC-083		8:29									C				21
SDV-VBC-084		8:32									C				22

Received By: Amy W Time: 12:30 Date: 7/26/10
Received By: Time: Date:
Received By: Time: Date:

Email Results to:
See p. 1

Comments / Instructions:
Soxhlet/8082

Turnaround Time (TAT)
☐ 24hr* ☒ 48hr* ☐ 72hr* ☐ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☒ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State:
☐ NH ☒ MA ☐ ME ☐ CT ☐ RI Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Relinquished By Sampler: amy wa Date: 7/26/10 Time: 12:30
Relinquished By: Date: Time:
Relinquished By: Date: Time:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or ~~hand-delivered~~
2) Temp blank °C 5.0
3) Received in good condition Y or N
4) pH checked by: NA
5) Labels checked by: JB 7/26/10

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard + Curran
Contact: Amy Wallace
Address:

Phone: PO# Quote #
Sampler (Signature): Amy Wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
X = Other

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Containr number/typ		pH	Analytics Sample #
SDV-VBC-085	7/26	8:35	PCB		X						C	1	G		G7343-23
SDV-VBC-086	7/26	8:38	PCB		X						C	1	G		24

Received By: Amy Wa — Time: 12:30 — Date: 7/26/10
Received By: — Time: — Date:
Received By: — Time: — Date:

7/26/10

Email Results to:
See p. 1

Comments / Instructions:
50xhlet/8082

Turnaround Request
Standard ☐ Due Date ____
Priority ☒ Due Date 48-hr
Lab Approval Required

Project Requirements:

Report Type
☒ MCP ☒ Level II ☐ CTRC ☐ Level III ☐ DOD ☐ Level IV ☐ Standard
*Fee may apply

State:
☐ NH ☒ MA ☐ ME ☐ CT ☐ RI
Other: ____

State Standard: ____ (eg. S-1 or GW-1)
EDD Required: Y* N
Type: PDF
Page 3 of 3

Amy Wa

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67343 | COOLER NUMBER: NA

CLIENT: Woodard | NUMBER OF COOLERS: 1

PROJECT: Wellesley College | DATE RECEIVED: 7-26-10

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 7-26-10

1. Cooler received by(initials): KAM | Date Received: 7-26-10

2. Circle one: (Hand delivered) Shipped (If so, skip 3)

3. Did cooler come with a shipping slip? Y (NA)

3a. Enter carrier name and airbill number here: NA

4. Were custody seals on the outside of cooler? Y (NA)
How many & where: NA Seal Date: NA Seal Name: NA

5. Did the custody seals arrive unbroken and intact upon arrival? Y (NA)

6. COC#: NA

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	(Y)	N
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N

11. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 5.0°C

B. Log-In: Date samples were logged in: 7-26-10 By: KAM

12. Type of packing in cooler(bubble wrap, popcorn)	(Y)	N
13. Were all bottles sealed in separate plastic bags?	(Y)	N
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	(Y)	N
16. Did all bottle labels agree with custody papers?	(Y)	N
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	Y	(NA)
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were bubbles absent in VOA samples?	Y	(NA)

If NO, List Sample ID's and Lab #s: _____

21. Laboratory labeling verified by (initials): [signature] Date: 7/26/10

environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

July 30, 2010

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 67352
Wellesley College #223358

Dear Ms. Wallace;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MassDEP Analytical Protocol Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 67352

Project Location: Wellesley College RTN:

This Form provides certifications for the following data set. Laboratory Sample ID Number(s):

67352-1, 67352-2, 67352-3, 67352-4, 67352-5, 67352-6

Matrices: ☐ Groundwater/Surface Water ☐ Soil/Sediment ☐ Drinking Water ☐ Air ☒ Other

CAM Protocol (check all that apply below):

8260 VOC CAM II A ☐	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☒	9014 Total Cyanide/PAC CAM VI A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition conistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☒ Yes ☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☒ Yes ☐ No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☒ Yes ☐ No
D	Does the laboratory report comply with all reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No ☐ Yes ☐ No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☒ Yes ☐ No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

Data User Note: Data that achieve "Preseumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were ALL QC performance standards specified in the CAM protocol(s) achieved?	☒ Yes ☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☒ Yes ☐ No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Melissa Gulli **Position:** Assistant Laboratory Director

Printed Name: Melissa Gulli **Date:** July 30, 2010

environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 67352

Revision: Rev. 0

Re: Wellesley College (Project No: 223358)

Enclosed are the results of the analyses on your sample(s). Samples were received on 27 July 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
67352-1	07/27/10	SDV-VWL-087	EPA 8082 (PCBs only)	
67352-2	07/27/10	SDV-VWC-088	EPA 8082 (PCBs only)	
67352-3	07/27/10	SDV-VWL-089	EPA 8082 (PCBs only)	
67352-4	07/27/10	SDV-VWC-090	EPA 8082 (PCBs only)	
67352-5	07/27/10	SDV-VWL-091	EPA 8082 (PCBs only)	
67352-6	07/27/10	SDV-VWC-092	EPA 8082 (PCBs only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature 

Stephen L. Knollmeyer Lab. Director

Date 07/30/2010

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 RevI.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B072710PSOX
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

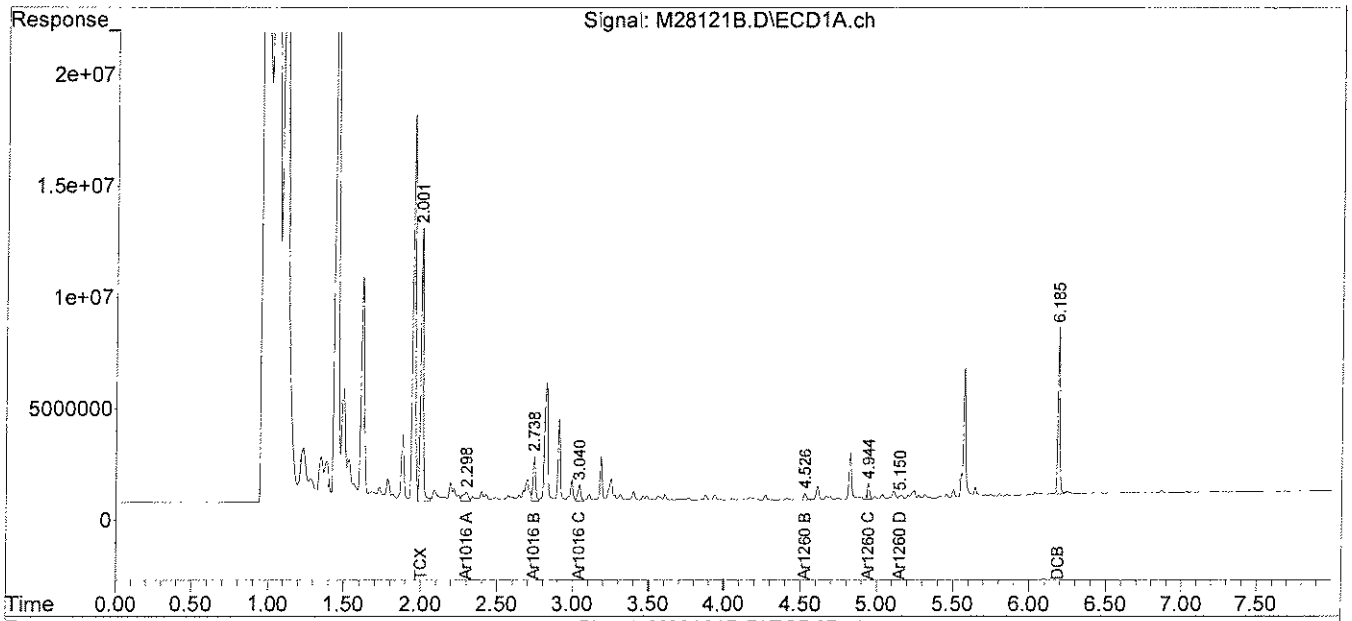
Authorized signature

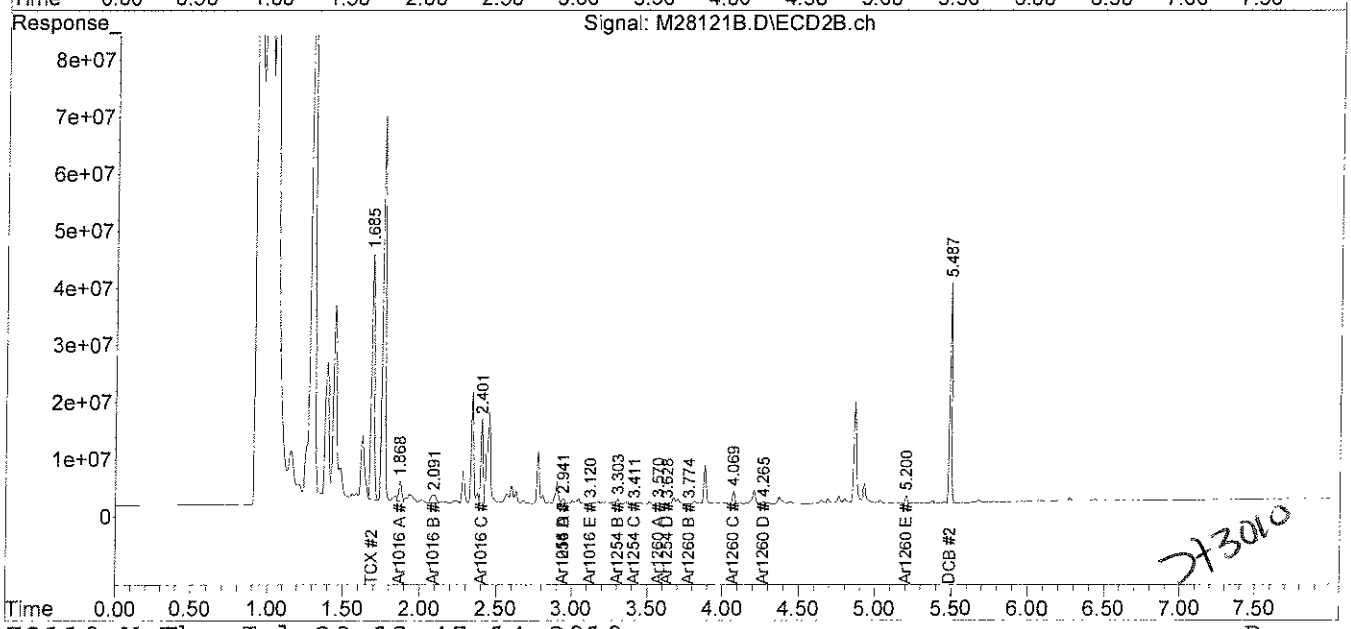
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28121B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 9:41 pm
Operator : JK
Sample : B072710PSOX,,A/C
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:13 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





7.30.10

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWL-087

SAMPLE DATA

Lab Sample ID: 67352-1
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

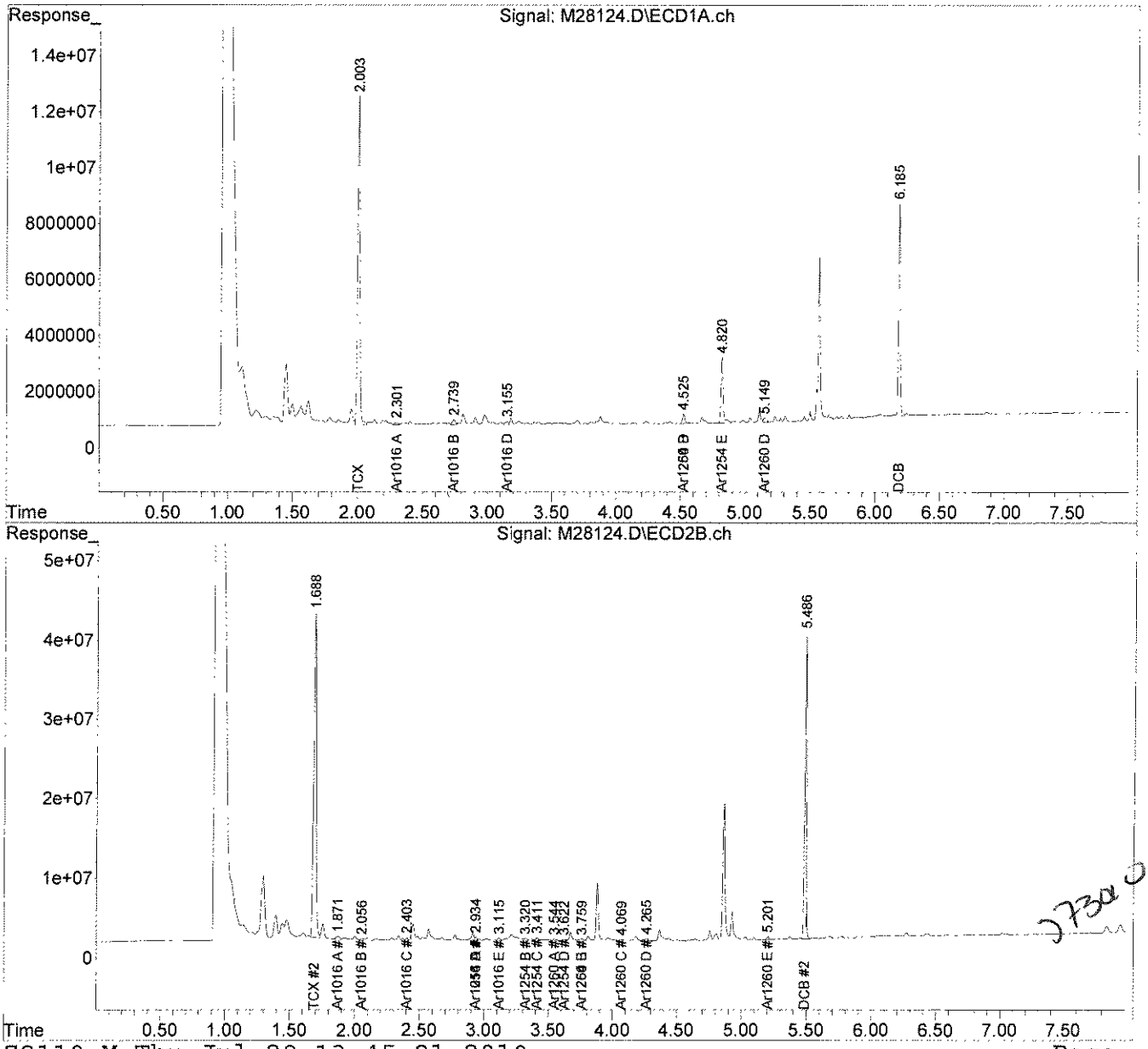
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 10:11 pm
Operator : JK
Sample : 67352-1,,A/C
Misc : SOIL
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:21 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWC-088

SAMPLE DATA

Lab Sample ID: 67352-2
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

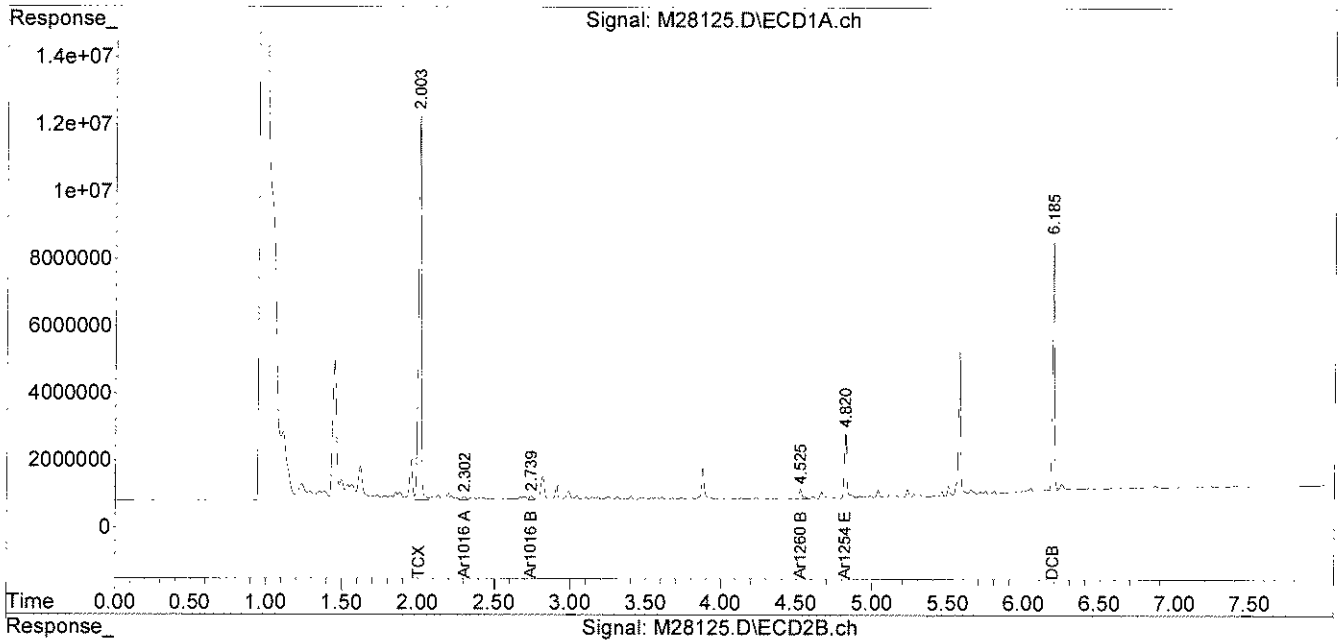
Quantitation Report (Not Reviewed)

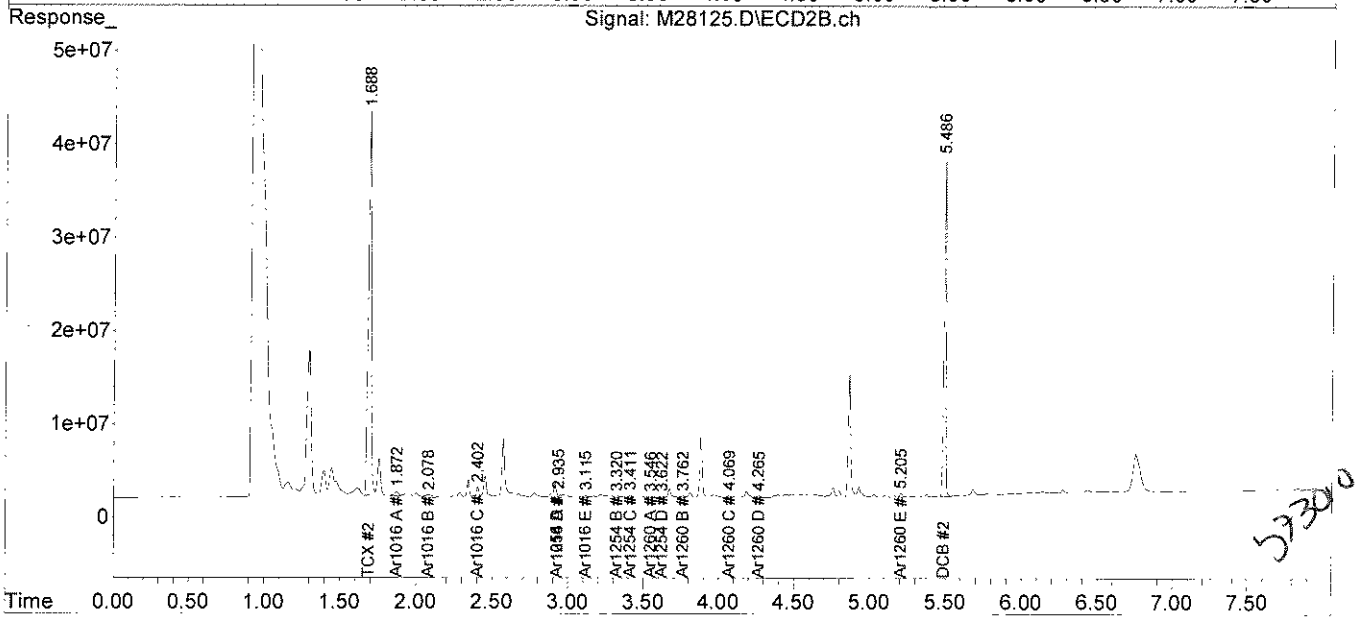
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 10:22 pm
Operator : JK
Sample : 67352-2,,A/C
Misc : SOIL
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:24 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JK 07.29.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





5730

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWL-089

SAMPLE DATA

Lab Sample ID: 67352-3
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	71	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

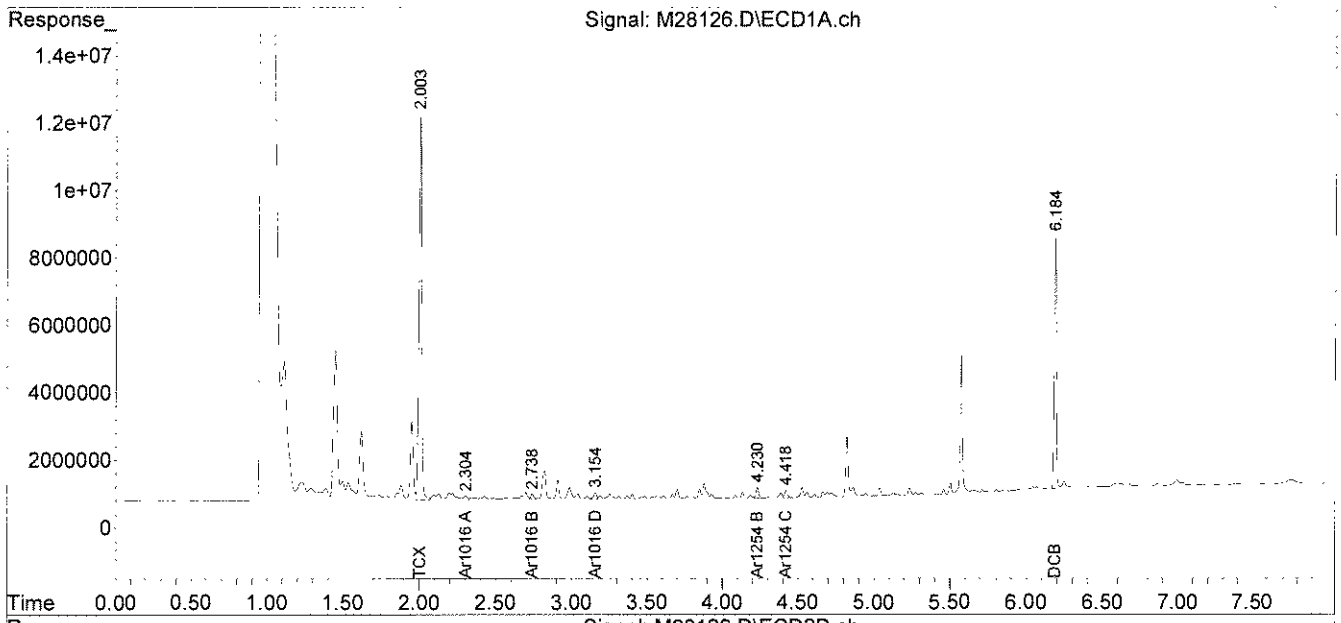
Quantitation Report (Not Reviewed)

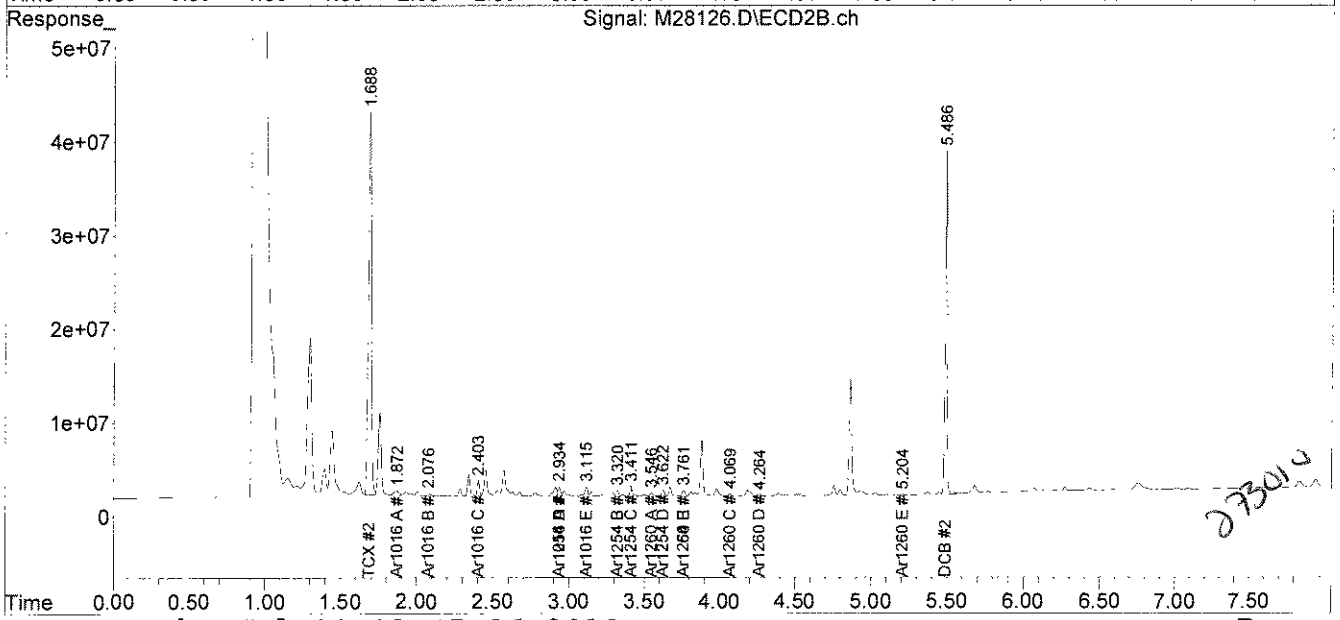
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 10:32 pm
Operator : JK
Sample : 67352-3,,A/C
Misc : SOIL
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:26 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JK 07.29.10





67352-3

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWC-090

SAMPLE DATA

Lab Sample ID: 67352-4
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	**0.8**
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	89	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67352
Sample: 67352-4,,A/C
Data File: M28127.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/wipe)	SAMPLE RESULT (ug/wipe)	RPD	#
PCB 1254	0.65	0.79	19.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

Comments: _____

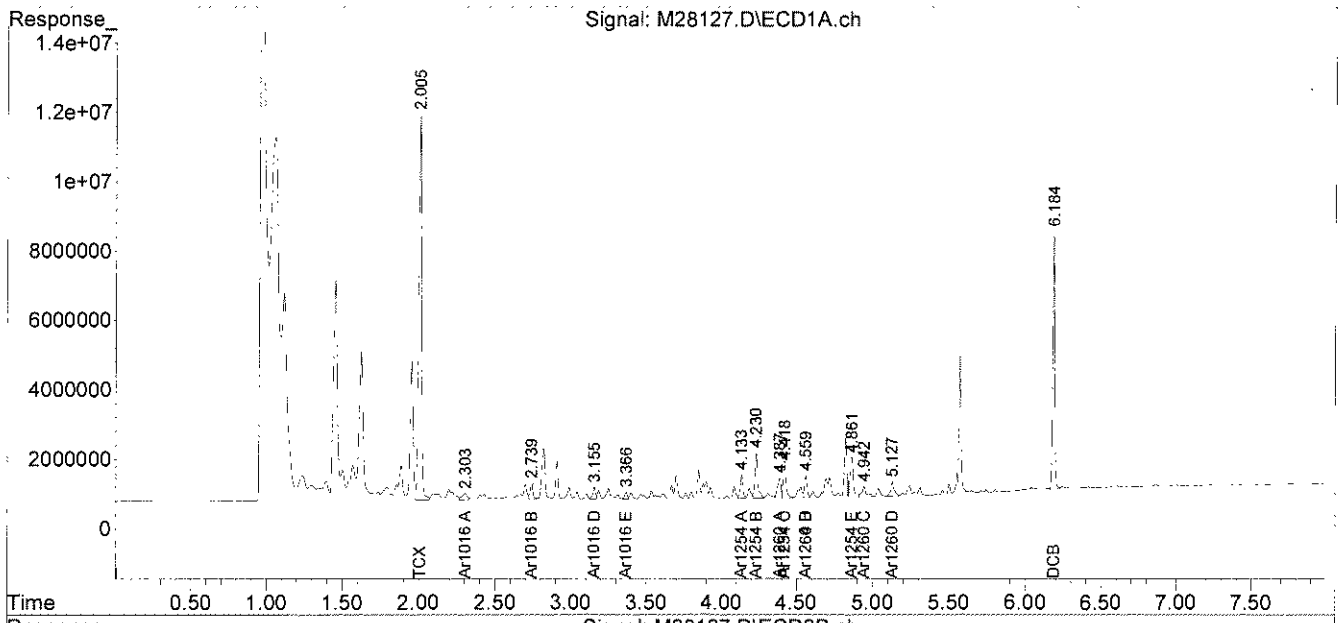
Quantitation Report (Not Reviewed)

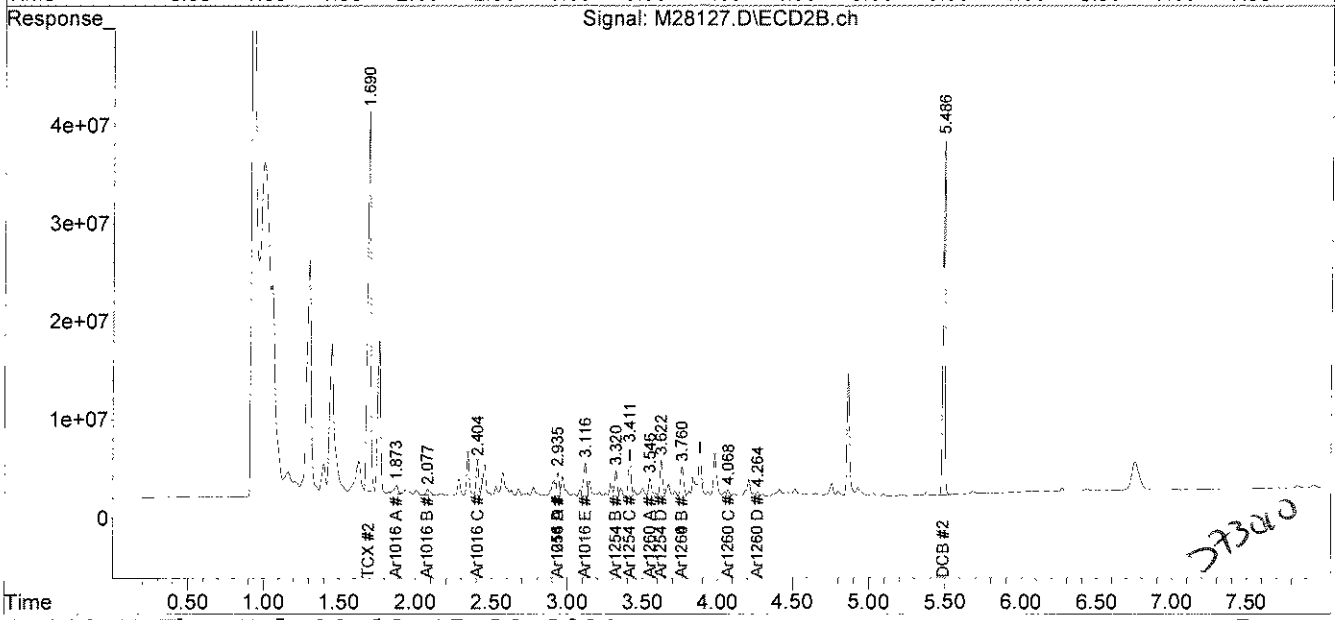
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 10:42 pm
Operator : JK
Sample : 67352-4,,A/C
Misc : SOIL
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:29 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

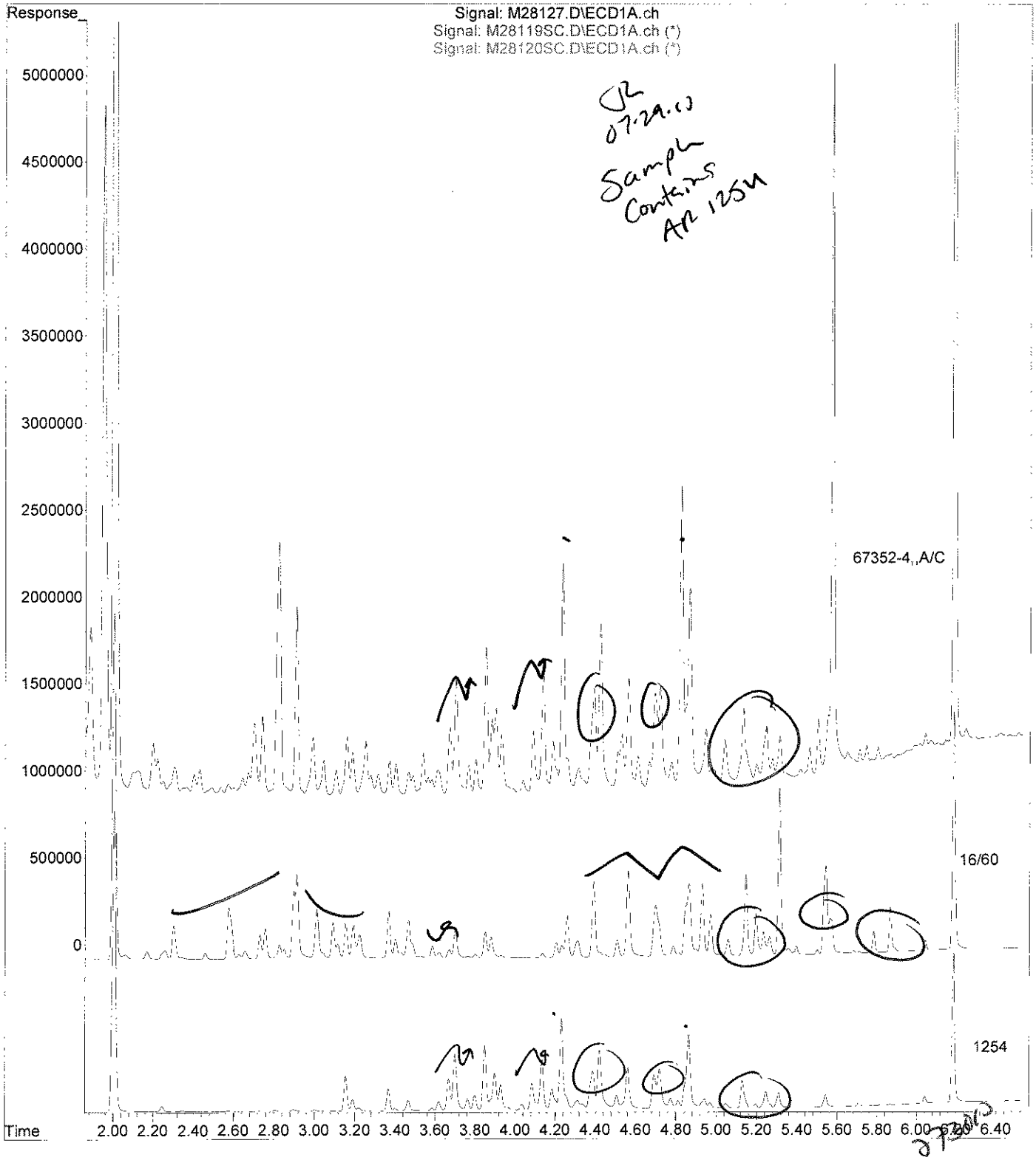
07.29.10





73410

File :C:\msdchem\1\DATA\072810-M\M28127.D
Operator : JK
Acquired : 28 Jul 2010 10:42 pm using AcqMethod PEST.M
Instrument : Instrument M
Sample Name: 67352-4,,A/C
Misc Info : SOIL
Vial Number: 44



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWL-091

SAMPLE DATA

Lab Sample ID: 67352-5
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	93	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

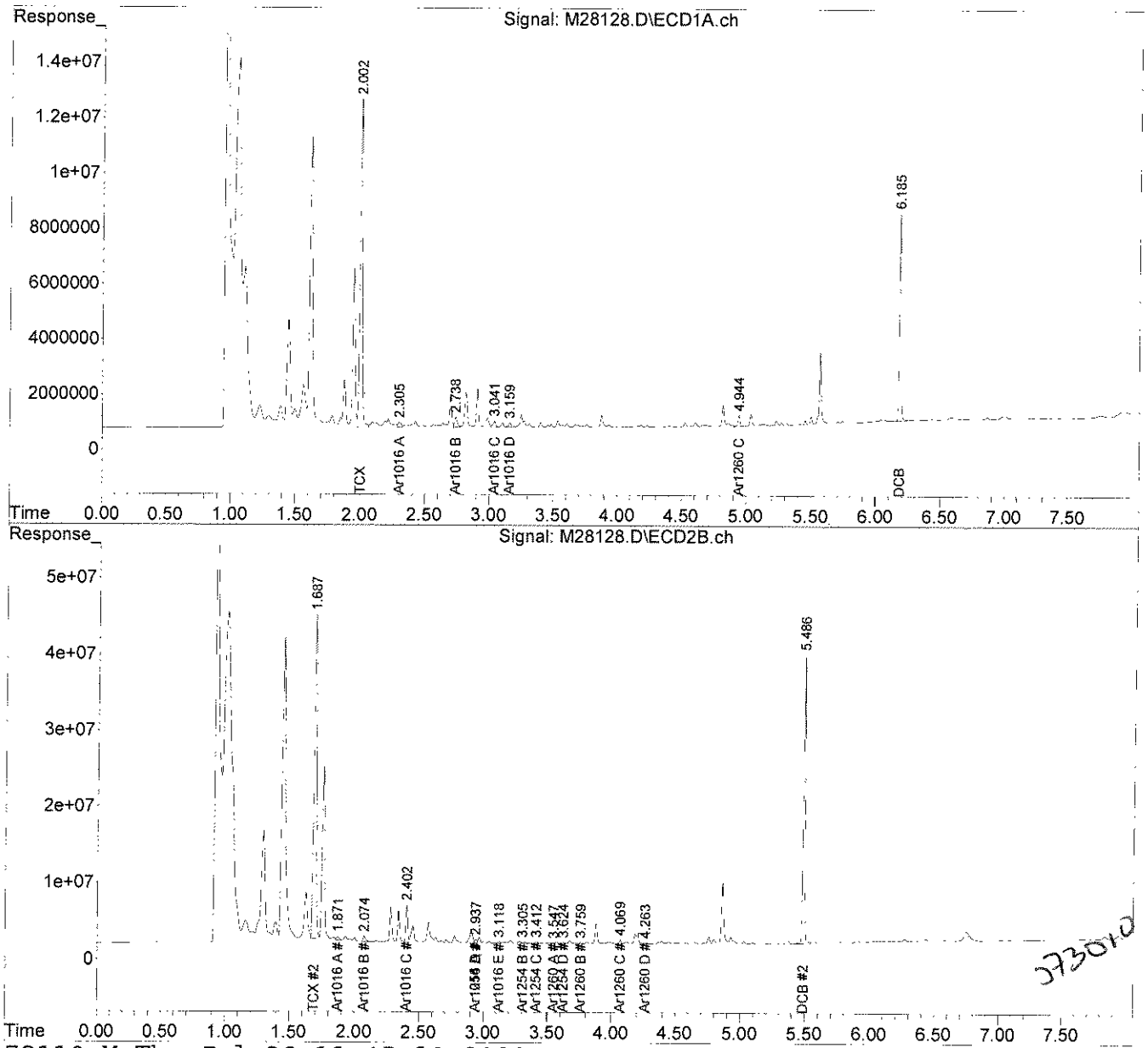
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28128.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 10:53 pm
Operator : JK
Sample : 67352-5,,A/C
Misc : SOIL
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:31 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

JL 07.29.10



073010

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Amy Wallace
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

July 30, 2010

CLIENT SAMPLE ID

Project Name: Wellesley College

Project Number: 223358

Field Sample ID: SDV-VWC-092

SAMPLE DATA

Lab Sample ID: 67352-6
Matrix: Wipe
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/27/10
Lab Receipt Date: 07/27/10
Extraction Date: 07/27/10
Analysis Date: 07/28/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/wipe	Results µg/wipe
PCB-1016	0.5	U
PCB-1221	0.5	U
PCB-1232	0.5	U
PCB-1242	0.5	U
PCB-1248	0.5	U
PCB-1254	0.5	U
PCB-1260	0.5	U
PCB-1262	0.5	U
PCB-1268	0.5	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS:

PCB EXT Report

Authorized signature

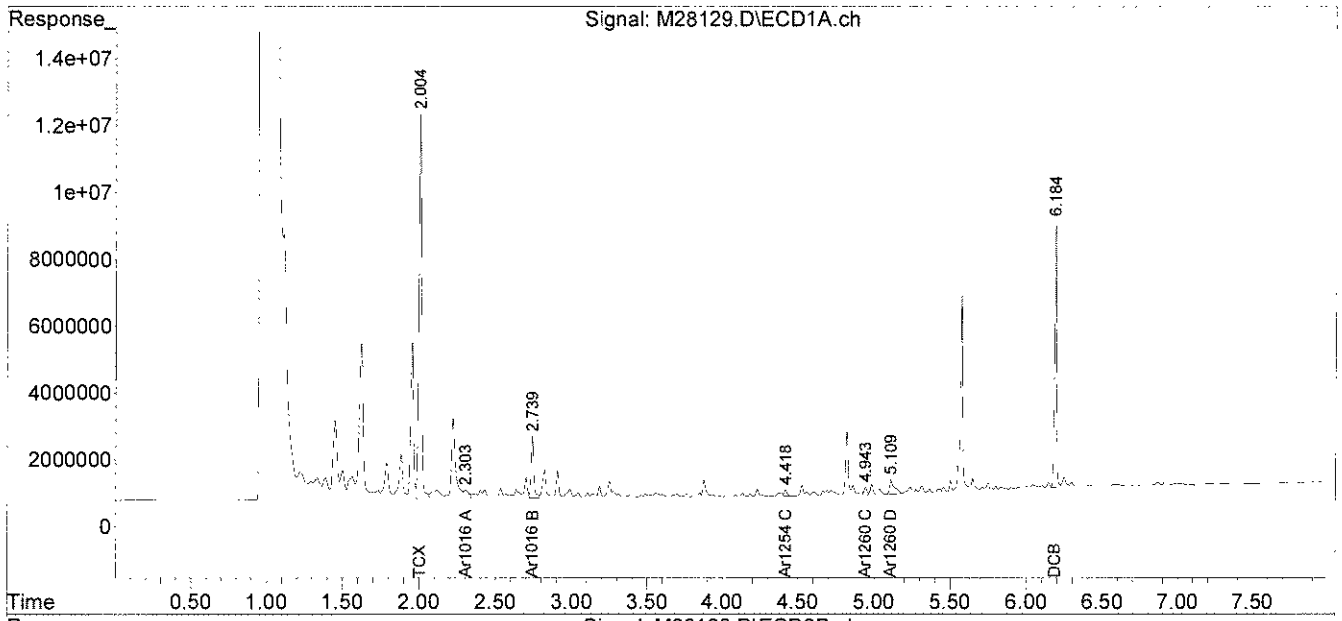
Quantitation Report (Not Reviewed)

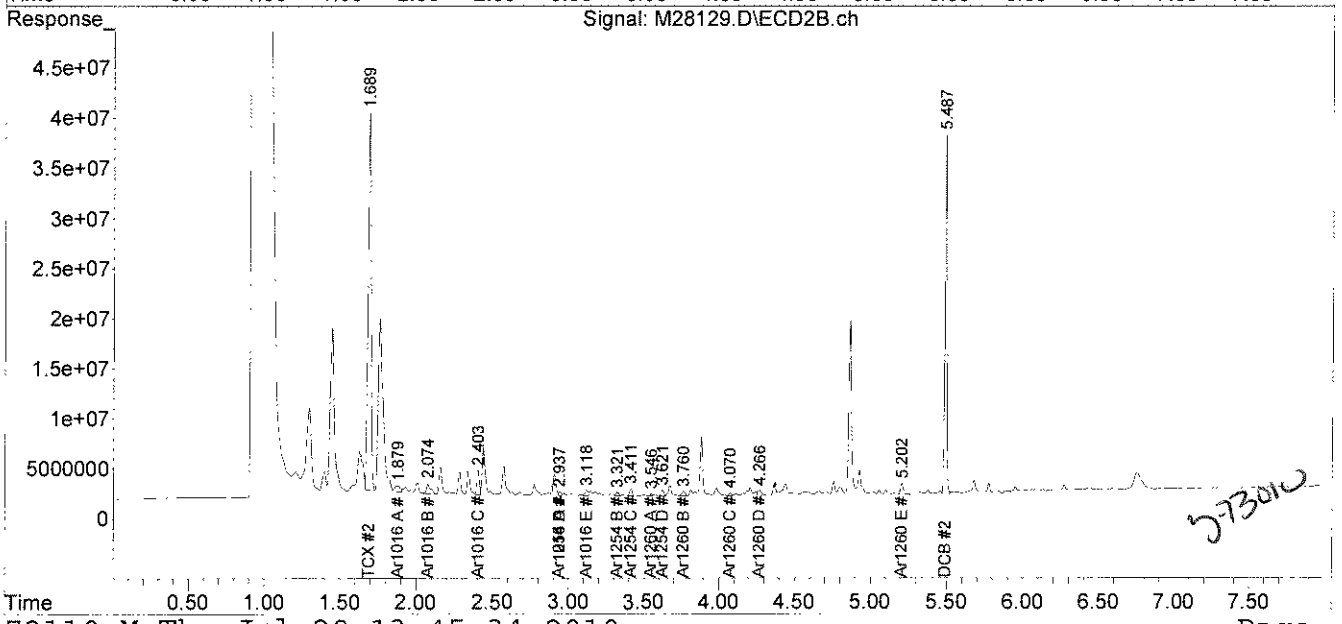
Data Path : C:\msdchem\1\DATA\072810-M\
Data File : M28129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2010 11:03 pm
Operator : JK
Sample : 67352-6,,A/C
Misc : SOIL
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jul 29 13:45:34 2010
Quant Method : C:\msdchem\1\METHODS\PCB072110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Thu Jul 22 07:51:28 2010
Response via : Initial Calibration
Integrator: ChemStation

JL 07.22.10

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





3-73010

PCB
QC FORMS

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 67352

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B072710PSOX,,A/C	94		72		92		70	
L072710PSOX,,A/C	93		74		92		72	
LD072710PSOX,,A/C	93		74		91		70	
67352-1,,A/C	91		73		92		69	
67352-2,,A/C	90		72		94		65	
67352-3,,A/C	90		71		93		68	
67352-4,,A/C	89		72		89		65	
67352-5,,A/C	93		72		94		69	
67352-6,,A/C	92		75		85		65	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPestieides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67352

Non-spiked sample: B072710PSOX2,,A/C

Spike: L072710PSOX2,,A/C

Spike duplicate: LD072710PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	196	98		208	104		6.1	
PCB 1260	200	200	60	130	30	0	230	115		248	124		7.6	
PCB 1016 #2	200	200	65	140	30	0	249	125		252	126		1.3	
PCB 1260 #2	200	200	60	130	30	0	220	110		235	118		6.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB FORM 3

CHAIN OF CUSTODIES

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 223358 Proj. Name: Wellesley College
Company: Woodard & Curran
Contact: Amy Wallace
Address: Andover, MA
Phone: 978-557-8150 PO# Quote #
Sampler (Signature): amy wa

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other HEXANE	Matrix	Container number/type		pH	Analytics Sample #
SDV-VWL-087	7/27/10	6:12	PCB		X					X	WP	1	G		67352 - 1
SDV-VWC-088		6:14													2
SDV-VWL-089		6:18													3
SDV-VWC-090		6:20													4
SDV-VWL-091		6:24													5
SDV-VWC-092		6:26													6

@ 7/27/10

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 0°
3) Received in good condition (Y) or N
4) pH checked by: N/A
5) Labels checked by: @ 7/27/10

Received By:	Time:	Date:
Amy	9:50	7/27/10

Email Results to:
awallace@woodardcurran.com
jhamele@woodardcurran.com

Comments / Instructions:
Soxhlet/8082

Turnaround Time (TAT)
- [ ] 24hr*
- [X] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [ ] 10 Days

*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [X] MCP* [X] Level II*
- [ ] CTRCP* [ ] Level III*
- [ ] DOD* [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [X] MA
- [ ] ME
- [ ] CT
- [ ] RI
- Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type: PDF

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Amy Wa		

Analytics\AEL Documents\AEL COC

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 67352 — COOLER NUMBER: N/A

CLIENT: WOODARD & CURRAN — NUMBER OF COOLERS: 1

PROJECT: WELLESLEY COLLEGE — DATE RECEIVED: 7/27/10

A: PRELIMINARY EXAMINATION: — DATE COOLER OPENED: 7/27/10

1. Cooler received by(initials): AR — Date Received: 7/27/10

2. Circle one: (Hand delivered) (If so, skip 3) — Shipped

3. Did cooler come with a shipping slip? Y (N/A)

3a. Enter carrier name and airbill number here: N/A

4. Were custody seals on the outside of cooler? Y (N/A)
How many & where: N/A Seal Date: N/A Seal Name: N/A

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)? (Y) N

8. Were custody papers sealed in a plastic bag? Y (N)

9. Did you sign the COC in the appropriate place? (Y) N

10. Was the project identifiable from the COC papers? (Y) N

11. Was enough ice used to chill the cooler? (Y) N — Temp. of cooler: 0°

B. Log-In: Date samples were logged in: 7/27/10 — By: IA

12. Type of packing in cooler(bubble wrap, popcorn) Y (N/A)

13. Were all bottles sealed in separate plastic bags? Y (N)

14. Did all bottles arrive unbroken and were labels in good condition? (Y) N

15. Were all bottle labels complete(ID,Date,time,etc.) Y (N) DATE & TIME SAMPLES TAKEN NOT INCLUDED ON LABEL

16. Did all bottle labels agree with custody papers? (Y) N

17. Were the correct containers used for the tests indicated: (Y) N

18. Were samples received at the correct pH? Y (N/A)

19. Was sufficient amount of sample sent for the tests indicated? (Y) N

20. Were bubbles absent in VOA samples? Y (N/A)

If NO, List Sample ID's and Lab #s: N/A

21. Laboratory labeling verified by (initials): CP — Date: 7/27/10

APPENDIX B – AIR MONITORING DATA

monitor PDR-1000, serial # 6879

AIR MONITORING LOG SHEET
WELLESLEY COLLEGE - STONE-DAVIS RENOVATION PROJECT

Monitoring Location: Stone-Davis

STATION	Date	Time	Dust Level mg/m³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
BACKGROUND	7/21	8:18	0.027	80	sunny, humid	site prep	
A	7/21	8:20	0.009	80	"	"	
B	7/21	8:21	0.019	80	"	"	
C	7/21	8:22	0.017	80	"	"	
A	7/21/10	922	0.003	80	"	start work	
B		920	0.002	80	"	↓	
C		918	0.003	80	"	↓	
A		1018	0.031	85	"	During work	
B		1022	0.018	85	"		
C		1024	0.021	~~84~~ 85	"		
A		1125	0.024	85	"		
B		1130	0.015	85	"		
C		1135	0.005	85	"		
A		1225	0.031	85	"		
B		1228	0.031	85	"		
C		1231	0.034	85	"		
A		1330	0.014	85	"		
B		1335	0.012	~~85~~	"		
C		1340	0.021	85	"		
Background	7/22/10	600	0.020	85		Prior start work	
A		605	0.014				
B		608	0.012				
C		610	0.005				
A		1300	0.019			start work	
B		1302	0.014				
C		1305	0.009				

BACKGROUND: driveway in front of main door

A: See Fig

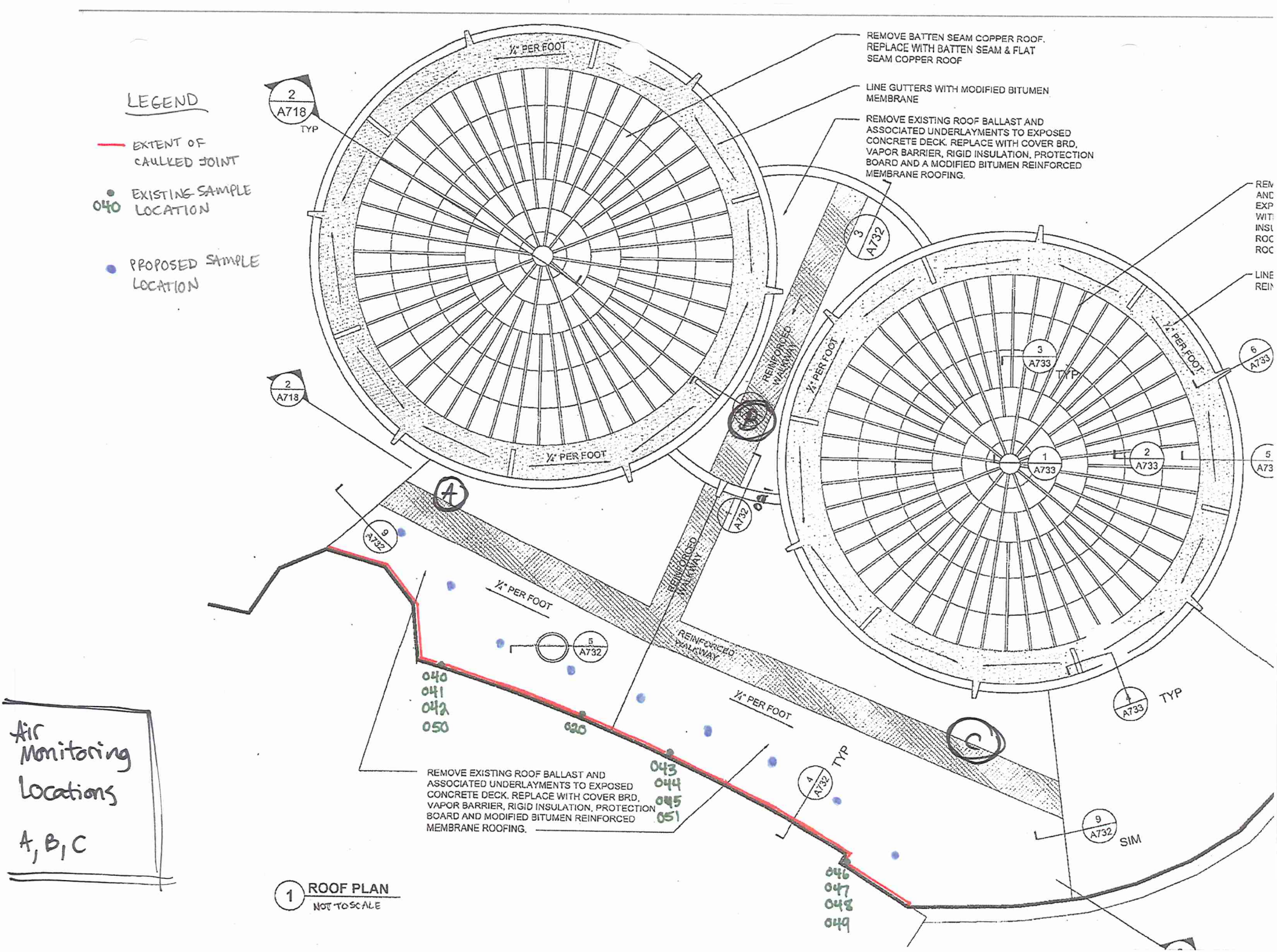
B: ↓

C: ↓

AIR MONITORING LOG SHEET
WELLESLEY COLLEGE - STONE-DAVIS RENOVATION PROJECT

Monitoring Location: _____ Page 2 of 2

	Date	Time	Dust Level mg/m³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
Background	7/26/10	6:16	0.006	65	sunny	chipping mastic	at east end
A	"	6:17	0.011	"	"	"	
B	"	6:18	0.026	"	"	"	
C	"	6:19	0.043	"	"	"	
A		7:37	0.036	70	"	chipping mastic	at west end
B		7:36	0.009	"	"	"	
C		7:39	0.006	"	"	"	
		"		"	"	"	


LEGEND
EXTENT OF CAULKED JOINT
040 EXISTING SAMPLE LOCATION
PROPOSED SAMPLE LOCATION
REMOVE BATTEN SEAM COPPER ROOF. REPLACE WITH BATTEN SEAM & FLAT SEAM COPPER ROOF
LINE GUTTERS WITH MODIFIED BITUMEN MEMBRANE
REMOVE EXISTING ROOF BALLAST AND ASSOCIATED UNDERLAYMENTS TO EXPOSED CONCRETE DECK. REPLACE WITH COVER BRD, VAPOR BARRIER, RIGID INSULATION, PROTECTION BOARD AND A MODIFIED BITUMEN REINFORCED MEMBRANE ROOFING.
REMOVE EXISTING ROOF BALLAST AND ASSOCIATED UNDERLAYMENTS TO EXPOSED CONCRETE DECK. REPLACE WITH COVER BRD, VAPOR BARRIER, RIGID INSULATION, PROTECTION BOARD AND MODIFIED BITUMEN REINFORCED MEMBRANE ROOFING.
2 A718 TYP
3 A732
3 A733 TYP
1 A733
2 A733
4 A733 TYP
4 A732 TYP
5 A732
9 A732
9 A732 SIM
6 A733
5 A73
¼" PER FOOT
REINFORCED WALKWAY
A
B
C
040
041
042
050
043
044
045
051
046
047
048
049
Air Monitoring Locations
A, B, C
1 ROOF PLAN
NOT TO SCALE

APPENDIX C – WASTE SHIPMENT RECORDS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD 981 071 418
2. Page 1 of: 1
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 007169688 JJK

GENERATOR

5. Generator's Name and Mailing Address: WELLESLEY COLLEGE
106 CENTRAL STREET/EHS OFFICE
WELLESLEY, MA 02481
Generator's Phone: (781) 283-3982

Generator's Site Address (if different than mailing address)
106 CENTRAL STREET - STONE DAVIS
WELLESLEY, MA 02481

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name: EQ Industrial Services
U.S. EPA ID Number: MIO 000 [illegible]

8. Designated Facility Name and Site Address: WAYNE DISPOSAL, INC SITE 2 LANDFILL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated biphenyls, solid, mixture, 9, PGIII, ERG #171	7	DM	462	K	PCB6	MA02	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. G104190WDI / (S) PCB CAULKING & PPE / SEE ATTACHED PCB CONTINUATION SHEET

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Justin Finne
Signature: [signature]
Month: 08 Day: 09 Year: 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN S. VINCI
Signature: Stephen S. Vinci
Month: 08 Day: 09 Year: 10

Transporter 2 Printed/Typed Name: [illegible]
Signature: [signature]
Month: 8 Day: 11 Year: 10

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
PCB			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible]
Signature: [signature]
Month: 08 Day: 19 Year: 10

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 007169688 JJK, Line Item 1 has been landfilled on

8-19, 20[illegible] in accordance with all local, state and federal regualtions by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [signature]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD 981 071 416
2. Page 1 of: 1
3. Emergency Response Phone: (800) 535-5053
4. Manifest Tracking Number: 007169915 JJK

GENERATOR

5. Generator's Name and Mailing Address: WELLESLEY COLLEGE
106 CENTRAL STREET/EHS OFFICE
WELLESLEY, MA 02481
Generator's Phone: (781) 283-2982

Generator's Site Address (if different than mailing address):
106 CENTRAL STREET - STONE DAVIS
WELLESLEY, MA 02481

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: EQ DETROIT, INC.
1923 FREDERICK
DETROIT, MI 48211
Facility's Phone: (313) 347-1300
U.S. EPA ID Number: MID 980 991 566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non Hazardous Solid Waste, Not DOT Nor RCRA Regulated, None, None, None	9	CF	9	Y	MA99
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information (SSV)
1. G105176DET / (S) ROOF SEDIMENT WITH PCBs ~~(Non-Friable)~~

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JUSTIN FINNE
Signature:
Month: 08 Day: 09 Year: 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN S. VINCI
Signature:
Month: 08 Day: 09 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
NONE			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year: 8/11/10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

APPENDIX D – DEED NOTICE

Record and return to:
Peter A. Alpert, Esq.
Ropes & Gray LLP
Prudential Tower
800 Boylston Street
Boston MA 02199-3600

NOTICE OF RESTRICTION PURSUANT TO 40 CFR § 761.61

This Notice of Restriction is made as of this _____ day of _____, 20__ by Wellesley College ("Wellesley"), with a principal place of business at 106 Central Street in the Town of Wellesley, Massachusetts, together with its successors and assigns.

W I T N E S S E T H

WHEREAS, Wellesley is the owner in fee simple of land, together with buildings and improvements thereon, located at the southern end of College Road in the Town of Wellesley, Norfolk County, Massachusetts, more fully described on Exhibit A which is attached hereto and made a part hereof (the "Property");

WHEREAS, the Property comprises a portion of Wellesley's campus and, among other improvements, the Property includes a residential dormitory building and two connected dining hall structures referred to as Stone-Davis Hall (collectively known as the "Building"). The Building is shown on Figure 1, Site Plan and Deed Notice Area, a copy of which is attached to Exhibit B hereto and incorporated herein by reference.

WHEREAS, portions of the Building's exterior materials were found to contain polychlorinated biphenyls ("PCBs");

WHEREAS, one or more remedial response actions have been conducted at the Building in accordance with 40 CFR Part 761. Said response actions were conducted in connection with the renovation of a building found to contain materials that contain or may have contained PCBs. Remedial actions completed have included removal and off-site disposal of PCB-containing caulking, metal flashing and a sediment/gravel mixture located on the Building's roof-top, and encapsulation of residual levels of PCBs on certain exterior masonry surfaces of the Building;

WHEREAS, PCBs at levels greater than 1 part per million remain on certain exterior masonry surfaces, consisting of building stone within a caulked joint and an exposed building stone surface, as more fully

described on Exhibit B which is attached hereto and made a part hereof (the "Affected Area"), with said Affected Area now being fully encapsulated;

WHEREAS, to prevent human exposure to or migration of said encapsulated PCBs to the environment, certain restrictions have been imposed on the Affected Area at the Building, as set forth below;

WHEREAS, this Notice of Restriction has been provided, as required in Condition #22 of the United States Environmental Protection Agency's letter dated July 1, 2010 regarding "Risk-Based PCB Cleanup and Disposal Approval under 40 CFR §§ 761.61(c) and 761.79(h), Stone-Davis Hall" (the "EPA Approval") (a copy of which is stored at the Wellesley College Environmental Health & Safety office or successor office), to inform all interested parties that PCBs are located under an encapsulating sealant/barrier on certain exterior Building surfaces within the Affected Area, as more particularly described in Exhibit B; and

NOW THEREFORE, notice is hereby given that:

1. The Affected Area has been used for PCB waste disposal.

2. The exterior encapsulated surfaces of the Affected Area shall not be disturbed in any manner, except as noted in the Monitoring and Maintenance Implementation Plan dated November 2, 2010 ("MMIP"), a copy of which (and any amendments described in this paragraph) will be stored at the Wellesley College Environmental Health & Safety office (or successor office). The MMIP is incorporated by reference herein. In addition, the exterior encapsulated surfaces are subject to the monitoring and maintenance requirements described in the MMIP. The MMIP includes a description of the extent and levels of contamination at the Affected Area following abatement; a description of the actions taken at the Affected Area; a description of the monitoring and maintenance requirements on the Affected Area; and reporting requirements to EPA. In the event that Wellesley believes an amendment to the MMIP is necessary, Wellesley may propose such an amendment to EPA for approval. The amendment will take effect upon written approval by EPA.

3. PCB-contaminated materials under the encapsulating materials range in PCB concentration up to 129 parts per million.

4. It is the intention of Wellesley that the restrictions set forth herein shall be construed to touch and concern the Affected Area (and only the Affected Area) and to run with the land, in perpetuity, and shall become effective when executed under seal and acknowledged by the undersigned and recorded with the Norfolk County Registry of Deeds, subject to modification or removal in accordance with the provisions of 40 CFR § 761.61 or other applicable laws, rules, or regulations, as the same may be amended.

(remainder of page intentionally left blank)

IN WITNESS WHEREOF, this Notice of Restriction has been executed as an instrument under seal as of the date first above written.

Wellesley College

By_____

Printed Name: _____

Title: _____

Duly Authorized

Witness_____

Witness_____

COMMONWEALTH OF MASSACHUSETTS

County of Norfolk, ss

On this ____ day of _____, 20__, before me, as the undersigned notary public, personally appeared _____, proved to me through satisfactory identification, which was based on the undersigned's personal knowledge of the identity of the principal or a Massachusetts driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he or she signed it voluntarily for its stated purpose as _____ of Wellesley College.

_____

Notary Public

My commission expires:

EXHIBIT A

Description of the Property

The "Property" refers to a certain parcel of land situated in the Town of Wellesley, Norfolk County, Commonwealth of Massachusetts, more particularly described by the following instruments:

1. Indenture by and between Henry F. Durant and Wellesley College dated October 31, 1873, recorded with the Norfolk County Registry of Deeds at Book 448, Page 56 and comprising land described in deeds at:
   - Book 236, Page 163 John S. Blatchford to Henry F. Durant dated 5/29/1855
   - Book 236, Page 162 Francis A. Brooks to Henry F. Durant dated 5/29/1855
   - Book 249, Page 234 Eunice Smith to Henry F. Durant dated 9/26/1856
   - Book 280, Page 4 Reuben Ware et al to Henry F. Durant dated 9/5/1859
   - Book 309, Page 27 William Carhart to Henry F. Durant dated 9/18/1862
   - Book 309, Page 152 Henry Wood to Henry F. Durant dated 9/13/1862
   - Book 312, Page 214 Henry Wood to Henry F. Durant dated 12/15/1862
   - Book 312, Page 215 George H. Wood to Henry F. Durant dated 12/15/1862

2. Will of Henry F. Durant filed with Norfolk County on October 19, 1881, Probate No. 22574 and comprising land described in deeds at:
   - Book 423, Page 117 Aaron D. Webber to Henry F. Durant dated 4/1/1872
   - Book 440, Page 218 William Gray to Henry F. Durant dated 5/29/1873

Also, being the same parcel(s) shown as Town of Wellesley Assessors Parcel No. 137-18.

EXHIBIT B

Description of the Affected Area

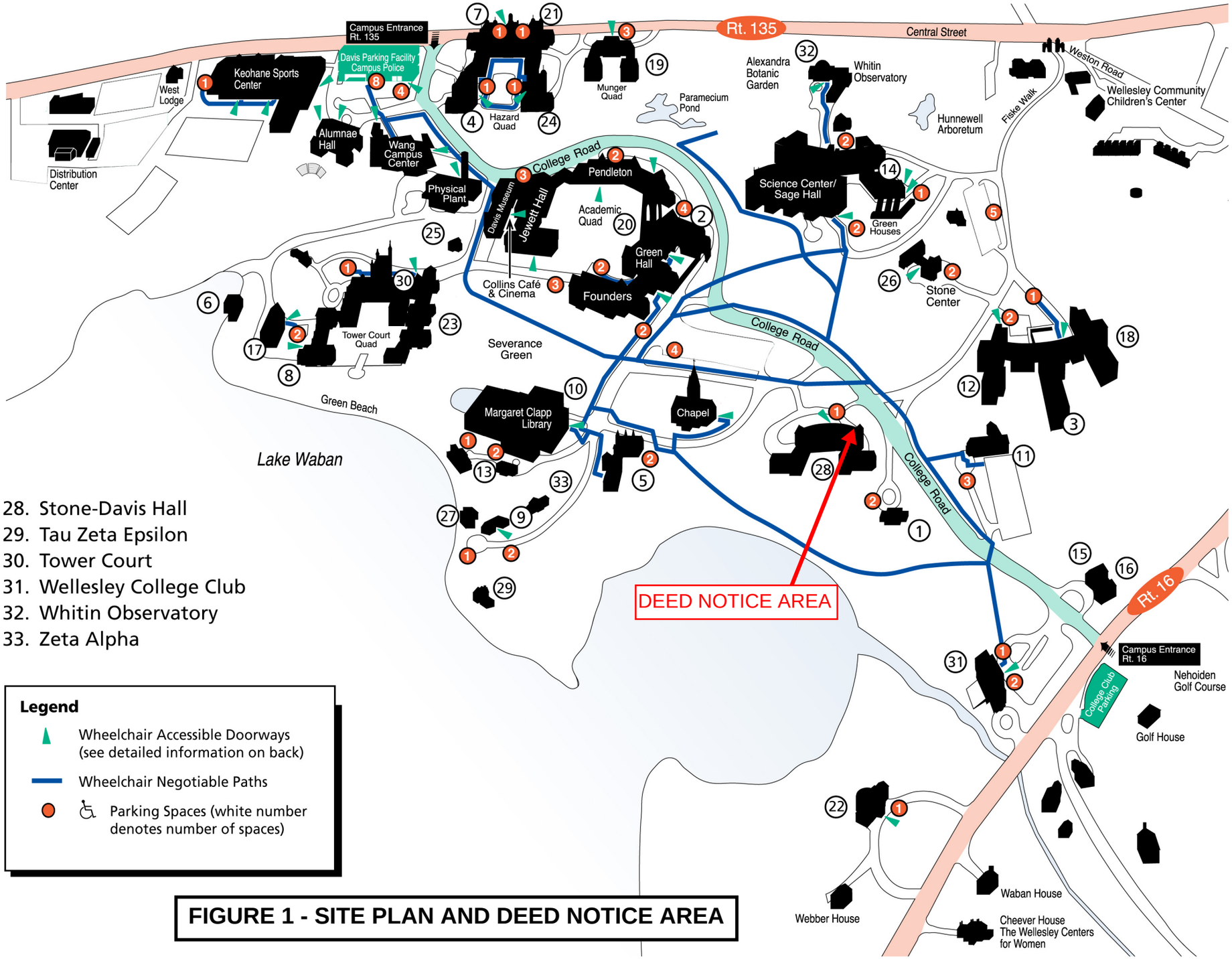
The portion of the Building located on the Property subject to restrictions as described in the Notice of Restriction and MMIP (i.e., the "Affected Area") shall consist solely of that area of the Building that has been encapsulated, as shown on Figure 2, Encapsulated Building Surfaces, a copy of which is attached to this Exhibit B and incorporated herein by reference, and includes only the following areas:

- The surface of the limestone trim along the northern façade of Stone-Davis Hall above the roof of the dining hall structure, as generally depicted on Figure 2; and,
- The surface and inside of the caulked joint beneath the limestone trim along the northern façade of Stone-Davis Hall above the roof of the dining hall structure, as generally depicted on Figure 2;

For avoidance of doubt, the Affected Area pertains only to the above referenced portions of the Building, and does not include or restrict any other land or structures that may be part of the Property or the Wellesley College campus.

Selected Buildings/Offices

1. Admission Office
   Weaver House
2. Alumnae Office
   Green Hall, Rm 246
3. Bates Hall
4. Beebe Hall
5. Billings
6. Boat House
7. Cazenove Hall
8. Claflin Hall
9. Continuing Education
10. Disability Services
    Clapp Library, Rm 316
11. Dower House
12. Freeman Hall
13. Harambee House
14. Harriet B. Creighton
    Visitors Center
15. Homestead
16. Instead
17. Lake House
18. McAfee Hall
19. Munger Hall
20. Newhouse Center
    for the Humanities
21. Pomeroy Hall
22. President's House
23. Severance Hall
24. Shafer Hall
25. Shakespeare House
26. Simpson Infirmary
27. Slater International Center
28. Stone-Davis Hall
29. Tau Zeta Epsilon
30. Tower Court
31. Wellesley College Club
32. Whitin Observatory
33. Zeta Alpha

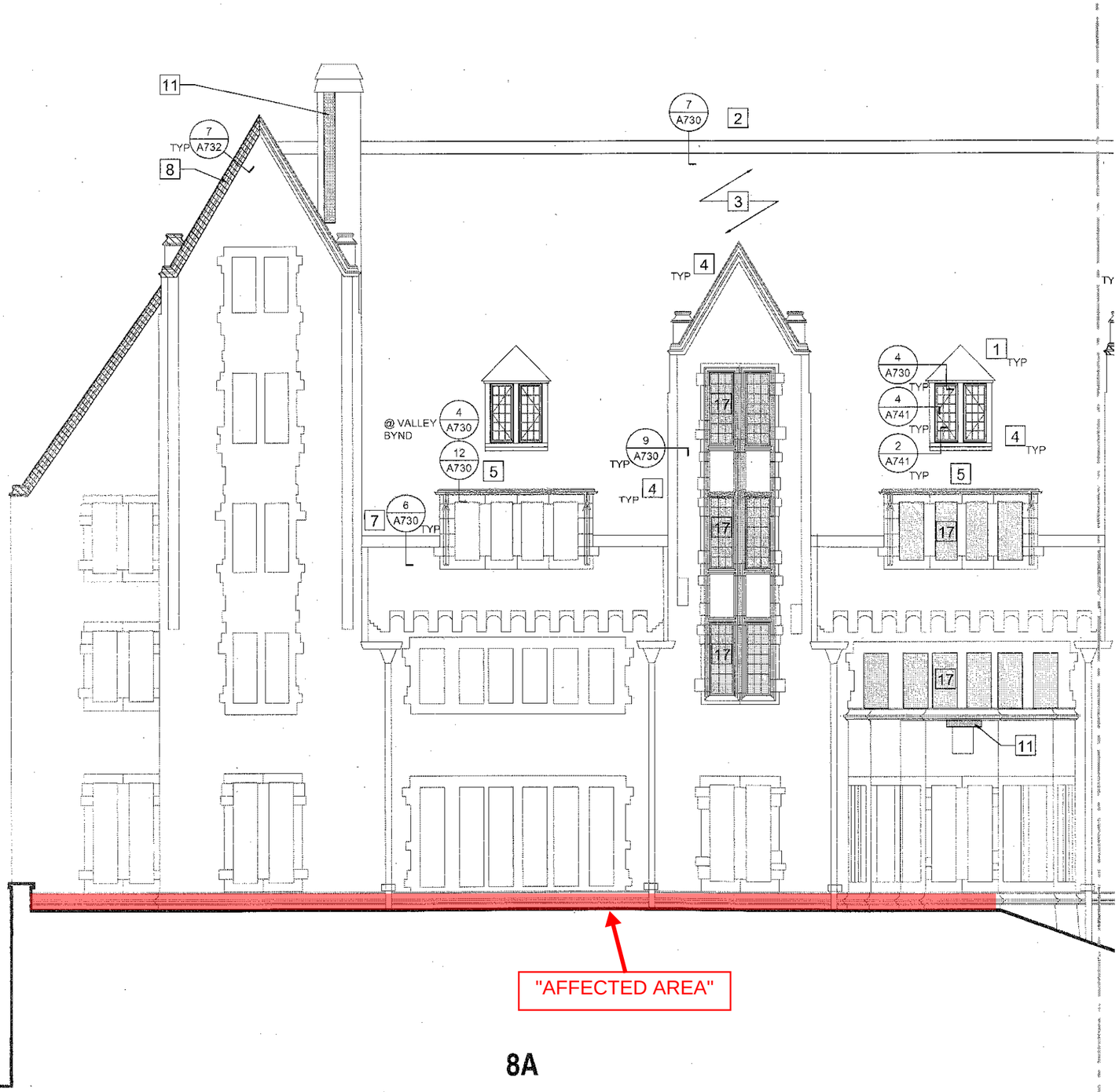


Legend

- Wheelchair Accessible Doorways (see detailed information on back)
- Wheelchair Negotiable Paths
- Parking Spaces (white number denotes number of spaces)

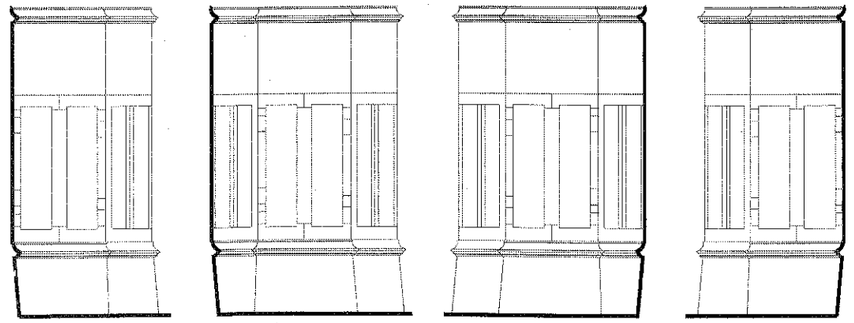
FIGURE 1 - SITE PLAN AND DEED NOTICE AREA

FIGURE 2 - ENCAPSULATED BUILDING SURFACES



8A

1 ELEVATION - EAST WING (ZONE 8)
1/4" = 1'-0"



8A

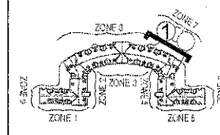
2 BAY ELEVATIONS - EAST WING (ZONE 8)
1/4" = 1'-0"

NOTES:

1. 3RD & 4TH FLOOR DORMERS:
   - 1.1. REMOVE AND REPLACE EXISTING SLATE ROOFING AND ASSOCIATED UNDERLAYMENTS.
   - 1.2. REMOVE AND REPLACE EXISTING SLATE SIDING AT CHEEK WALLS AND ASSOCIATED UNDERLAYMENTS.
   - 1.3. REMOVE AND REPLACE EXISTING COPPER CLADDING AND FLASHING AT WINDOW JAMBS HEADS AND SILLS.
   - 1.4. REMOVE AND REPLACE EXISTING COPPER EAVE FLASHING.
   - 1.5. REMOVE AND REPLACE WINDOWS; SEE A741 FOR SCHEDULE AND DETAILS
2. REMOVE AND REPLACE EXISTING RIDGE CAP
3. REMOVE SLATE ROOFING AND ASSOCIATED UNDERLAYMENTS IN ITS ENTIRETY. REPAIR/REPLACE PLANK SUBSTRATE AS REQUIRED AT ALL ROOF AND CHEEK WALL LOCATIONS.
4. REMOVE AND REPLACE STEP FLASHING AT ALL MASONRY & SLATE SIDING LOCATIONS, SEE ROOF PLANS. EXISTING THROUGH-WALL FLASHING AT GABLE LIMESTONE CAPS TO REMAIN. LIFT AND INSTALL NEW STEP FLASHING AS DETAILED ON SHEET A730.
5. REMOVE AND REPLACE EXISTING METAL COPING AT FLAT ROOF LOCATIONS
6. ▨ - LIMESTONE AT WINDOW OPENINGS TO BE REMOVED AND REPLACED; SEE LIMESTONE SCHEDULE ON A740 FOR BLOCK TYPE SIZE, PROFILE AND QUANTITY.
7. **EXISTING COPPER GUTTERS:**
   - 7.1. **BASE BID:** EXISTING COPPER GUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION. ALLOW 50' REPLACEMENT FOR DAMAGED GUTTERS.
   - 7.2. **ADD ALTERNATE #1:** REMOVE AND REPLACE COPPER GUTTERS - SEE A731 FOR NEW PROFILE.
8. RAKE STONE MORTAR JOINTS. POINT WITH NEW MORTAR & LEAD "T" CAPS.
9. RAKE & REPOINT LIMESTONE MORTAR JOINTS.
10. SCRAPE LOOSE & DETERIORATED LIMESTONE.
11. RAKE & REPOINT BRICK MORTAR JOINTS.
12. REMOVE & REPLACE CRACKED BRICKS.
13. RAKE & REPOINT GRANITE MORTAR JOINTS.
14. REMOVE, LABEL, CATALOGUE, AND STORE COPPER DOWNSPOUT & LEADER BOX. RE-INSTALL IN ORIGINAL LOCATION UPON COMPLETION OF BRICK POINTING. PROVIDE IDENTICAL FASTENER TYPE & MATERIAL
15. RECONNECT COPPER DOWNSPOUT TO EXISTING BOOT AT GRADE. PROVIDE SEPARATION BETWEEN DISSIMILAR METALS.
16. REPAIR COPPER DOWNSPOUT.
17. RUSTED STEEL WINDOW. REMOVE RUST TO BARE METAL. PRIME AND PAINT.

Wellesley College
Stone Davis Hall
106 Central Street
Wellesley, MA 02481

Architect:
menders, torrey & spencer, inc.
architecture ▪ preservation
123 North Washington Street
Boston, MA 02114
t. 617.227.1477
f. 617.227.2654
www.mendersarchitects.com



ISSUE:

BID SET	1.29.10
CONSTRUCTION DOCUMENTS	3.19.10

REVISIONS:

⚠ CD REVISIONS	3.19.10

Date:	March 19, 2010
Scale:	1/4"= 1'-0"
Drawn by:	kh/bm
Checked by:	bm/ls
Project Number:	0923.00

Do not scale the drawings. All dimensions shall be confirmed prior to construction. The contractor shall immediately report any discrepancies to the architect.

CONSTRUCTION DOCUMENTS

EXTERIOR ELEVATIONS

SDV
A719

APPENDIX E – CERTIFICATION OF COMPLETION

WOODARD &CURRAN

Certification

In accordance with Condition 22 of EPA's July 1, 2010 Risk-Based PCB Cleanup and Disposal Approval under 40 CFR 761.61(c) and 761.79(h), the undersigned owner of the property where the cleanup site is located and the party conducting the cleanup certify that the authorized activities were implemented in accordance with the Approval and the Notification. A copy of the Final Completion Report and other documentation required by the Approval will be kept on file at the location indicated below and are available for EPA inspection, as set forth below.

Document Location

Environmental Health and Safety

Physical Plant Building

Wellesley College

106 Central Street

Wellesley, MA 02484-8203

Property Owner and Party Conducting the Cleanup

Authorized Signature

Date 12.6.10

PETE ZURAW

Name of Authorized representative (print)

AVP FACILITIES

Title